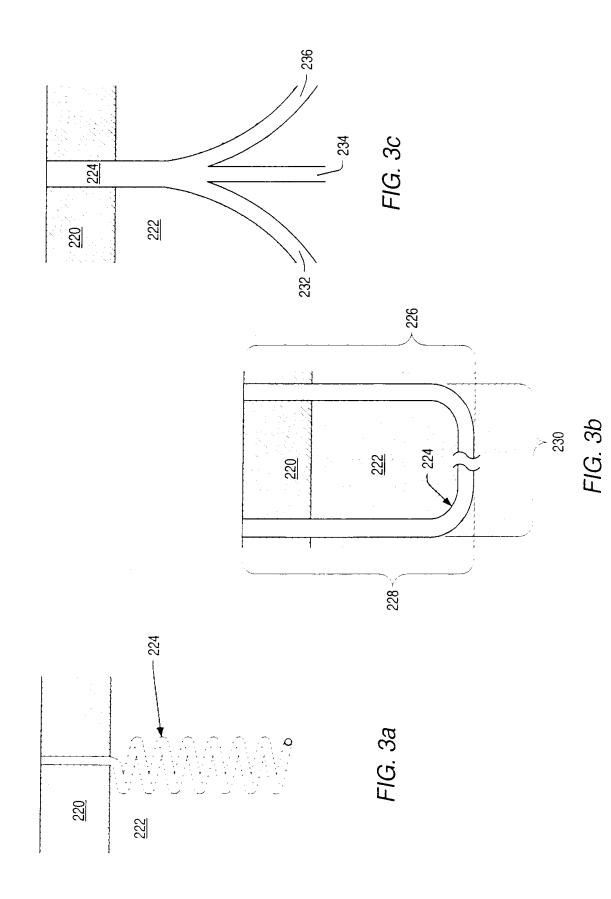
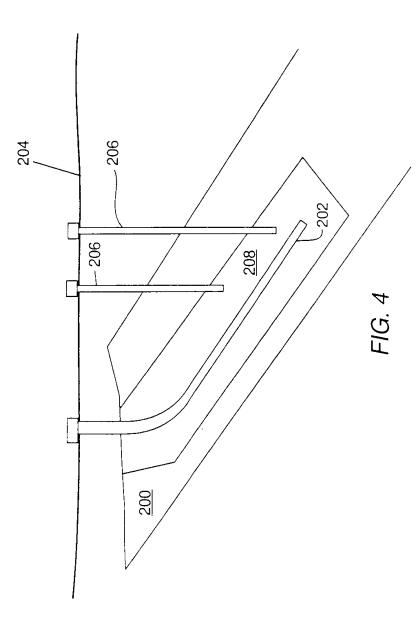
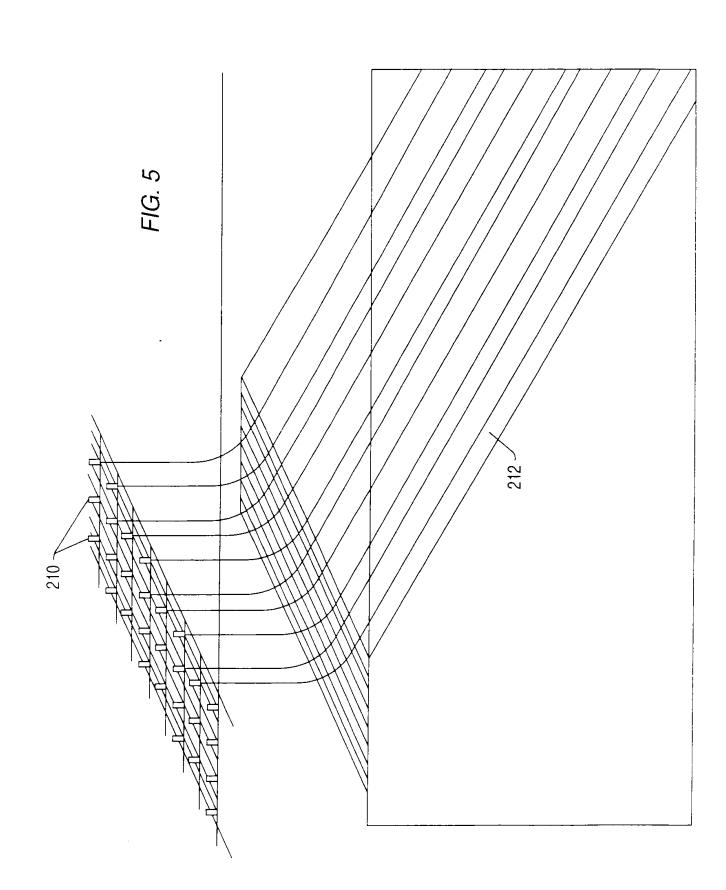


F1G. 3







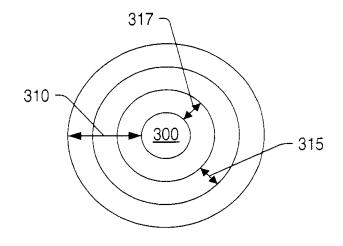


FIG. 6

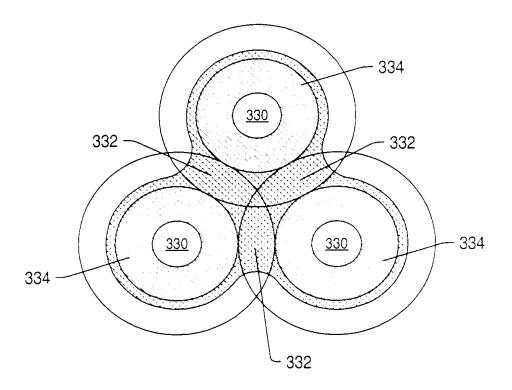
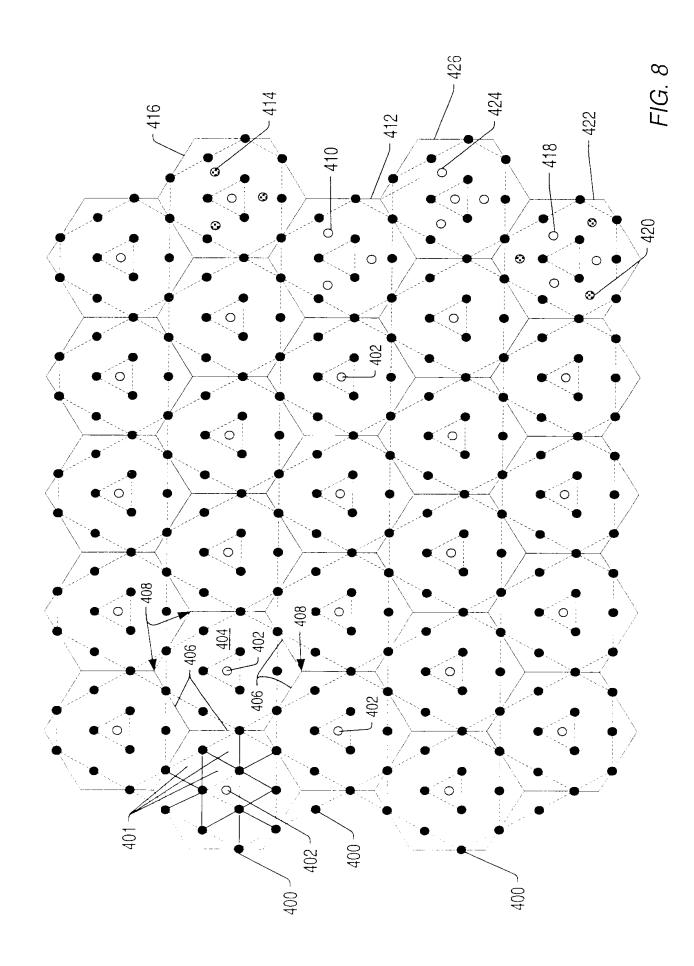
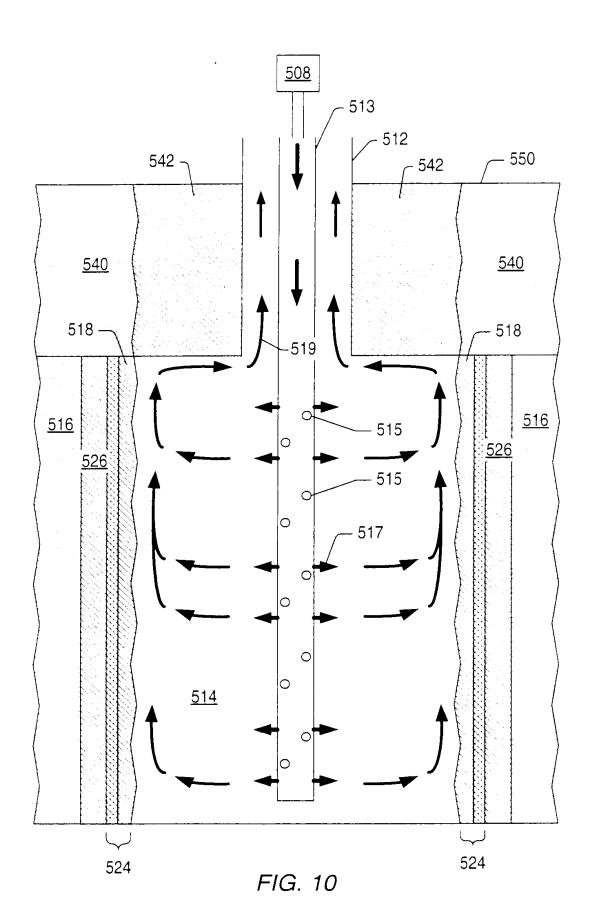


FIG. 7





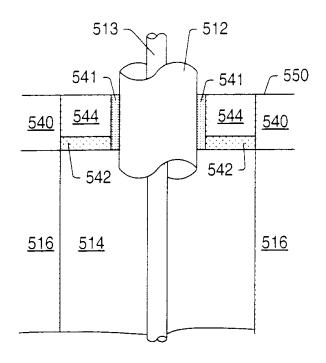


FIG. 11

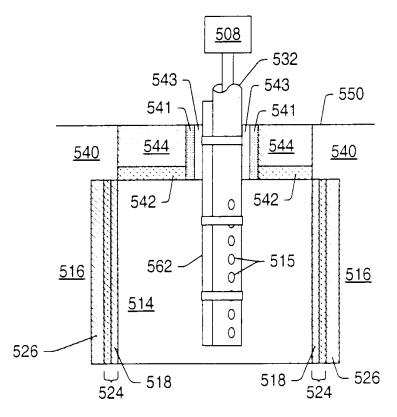


FIG. 12

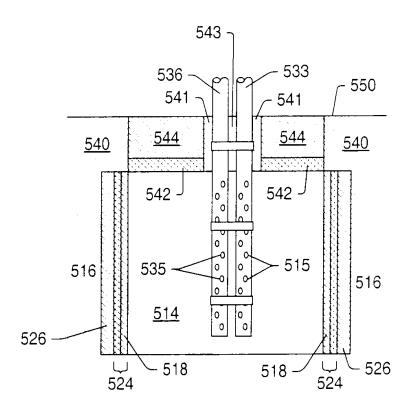
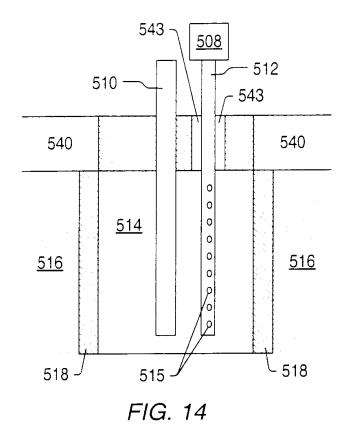


Fig. 13



 508
 520

 540
 540

 514
 0

 516
 515

 518
 518

FIG. 15

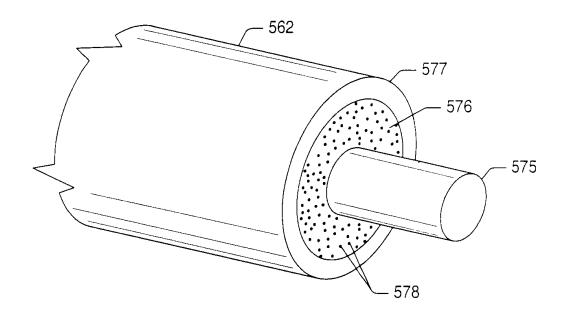


FIG. 16

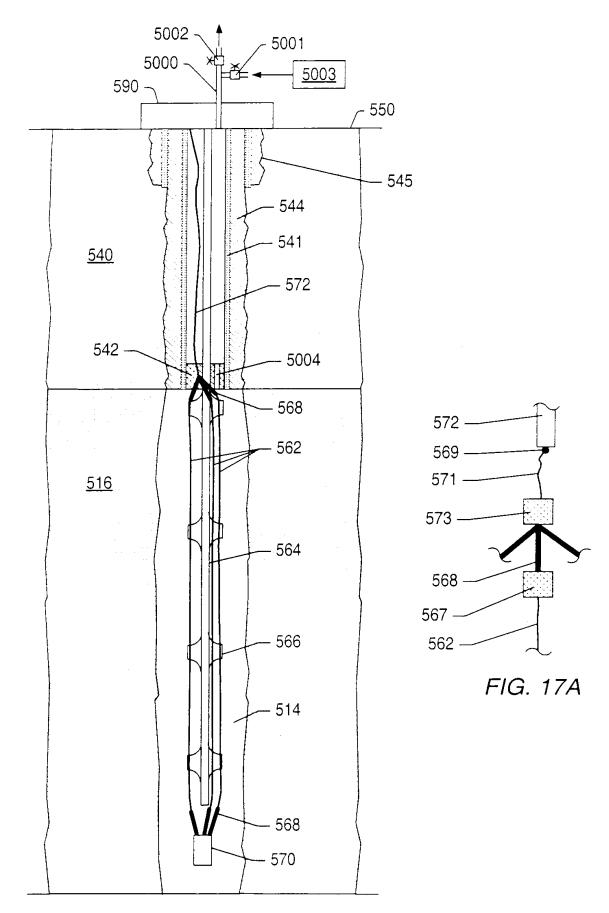


FIG. 17

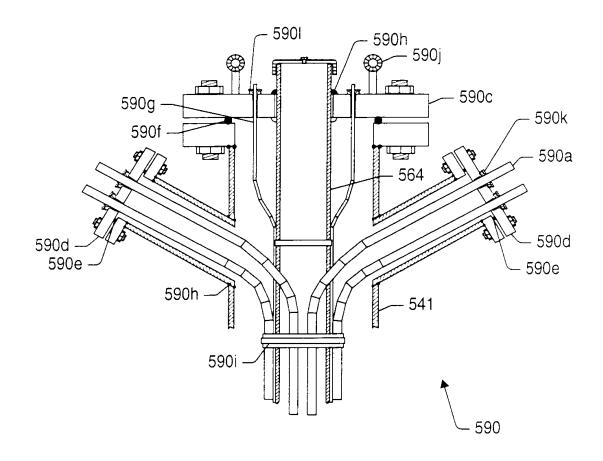


FIG. 18

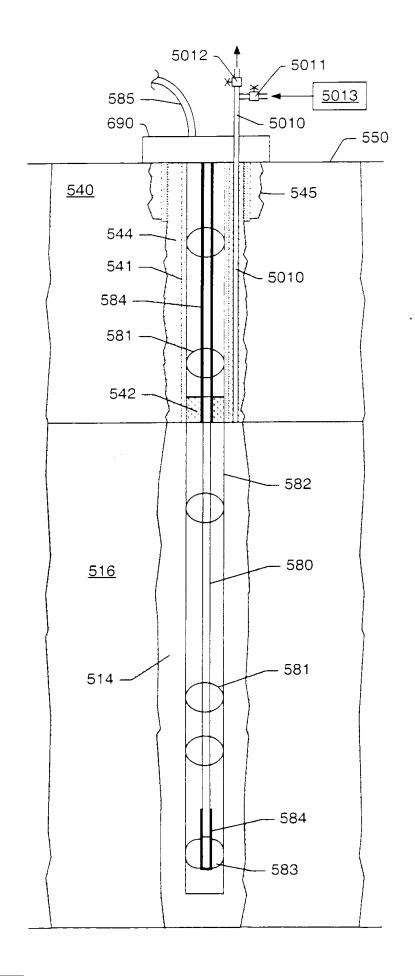


FIG. 19

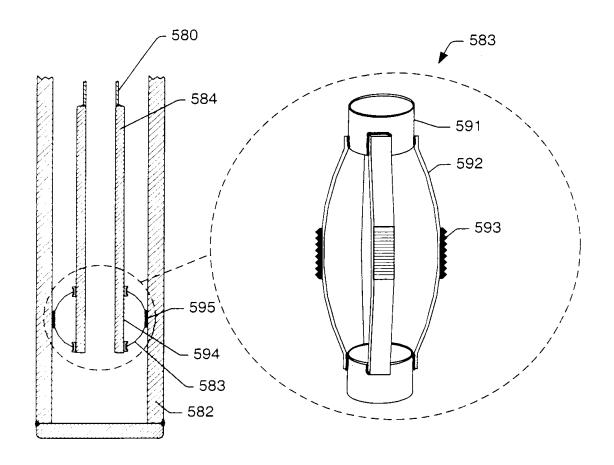


FIG. 20

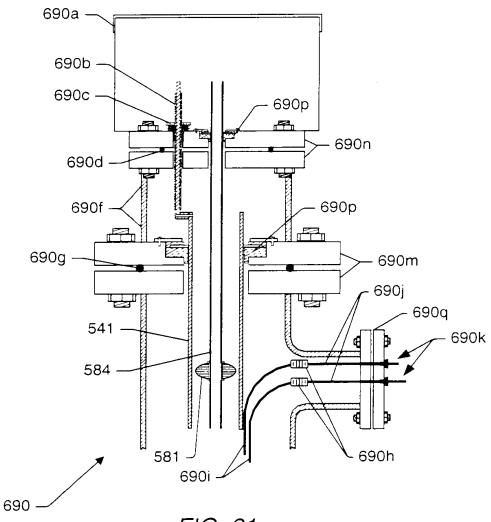


FIG. 21

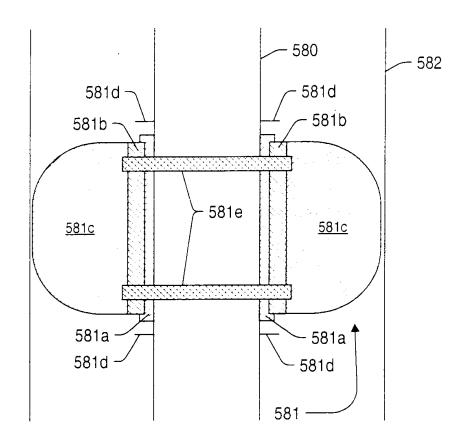


FIG. 22

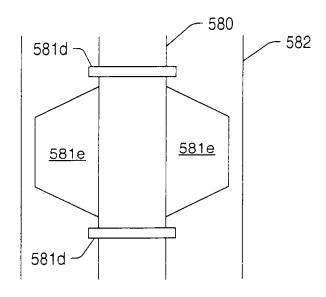


FIG. 23a

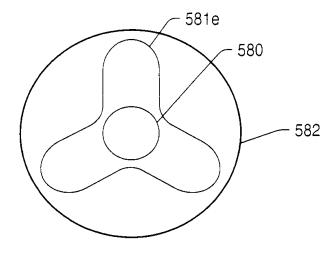


FIG. 23b

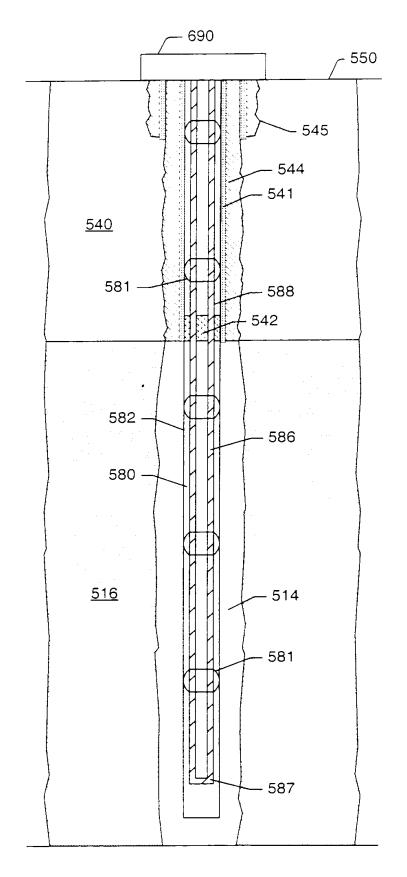


Fig. 24

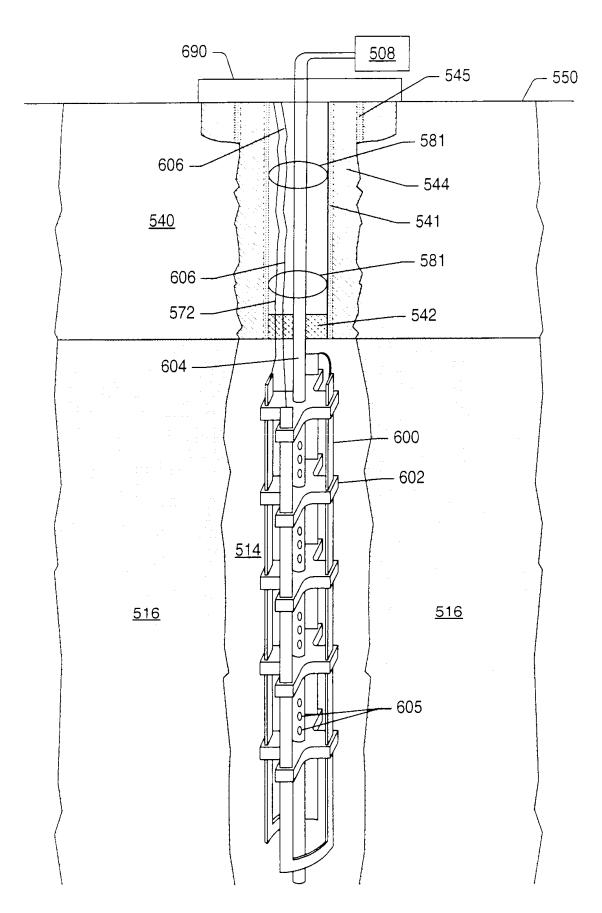


FIG. 25

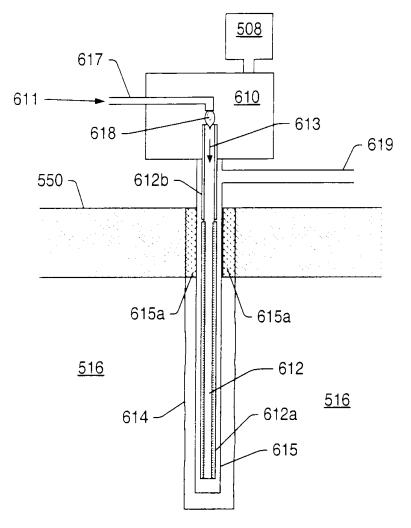


FIG. 26

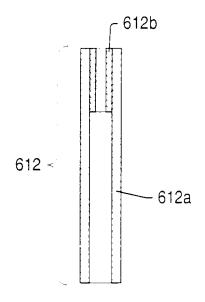


FIG. 27

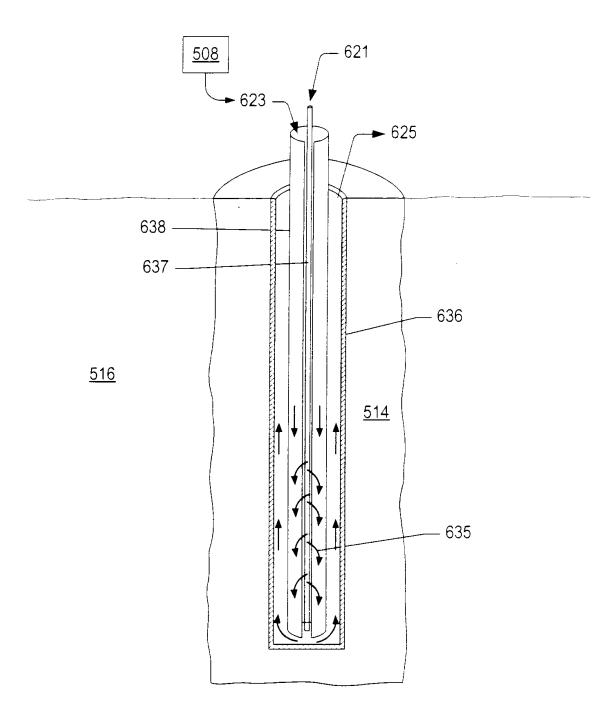


FIG. 28

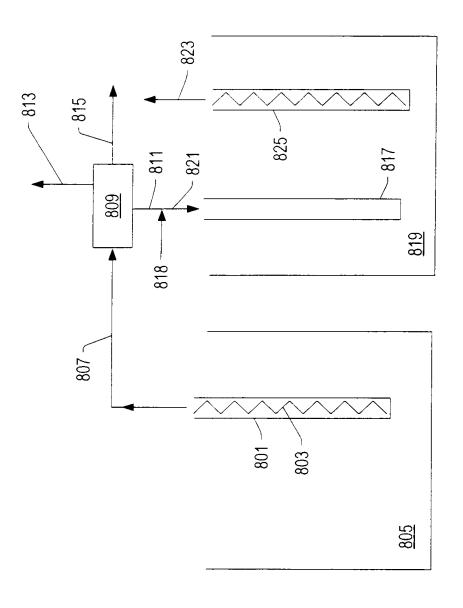


FIG. 29

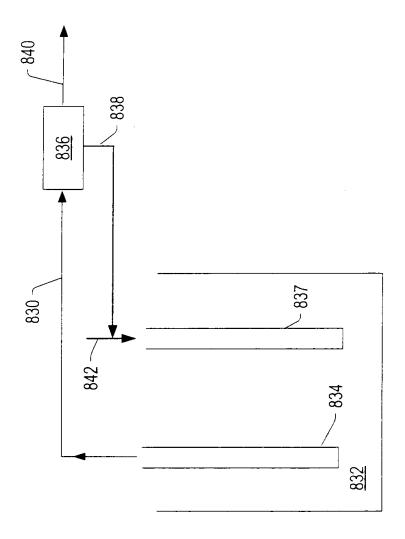


FIG. 30

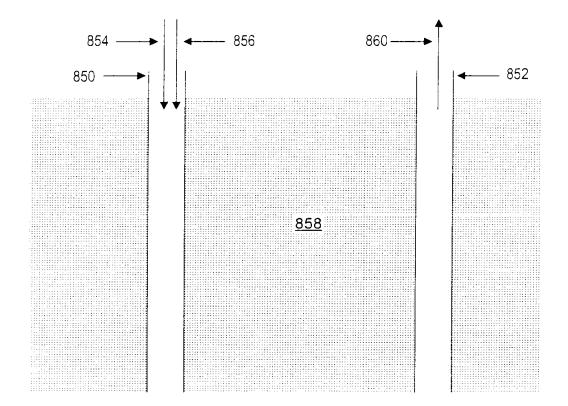


FIG. 31

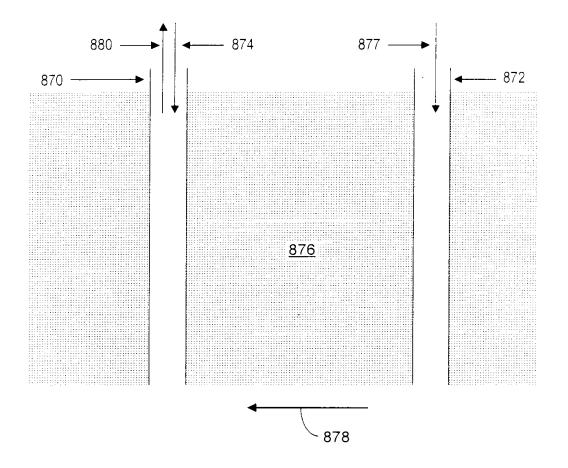
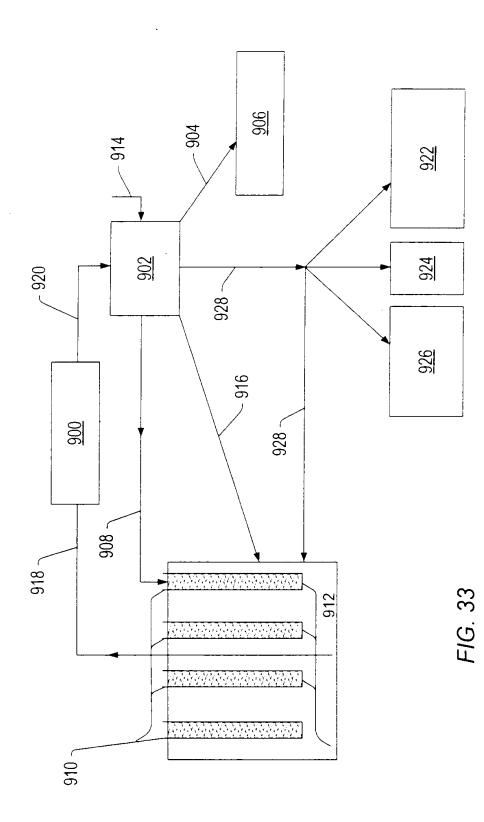


FIG. 32



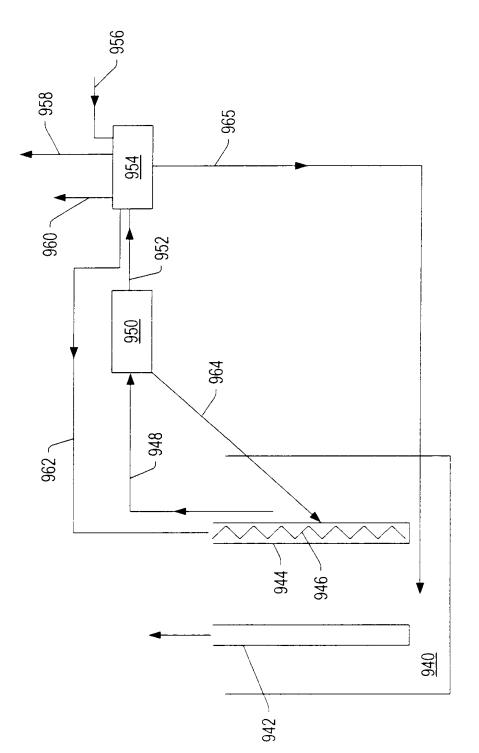


FIG 32

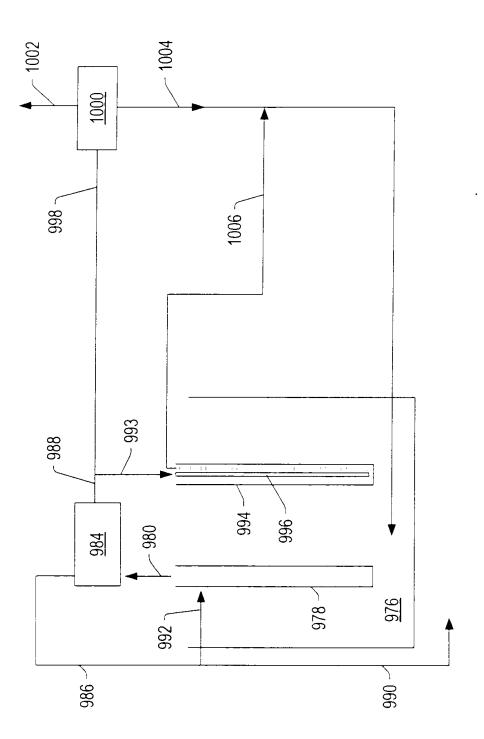
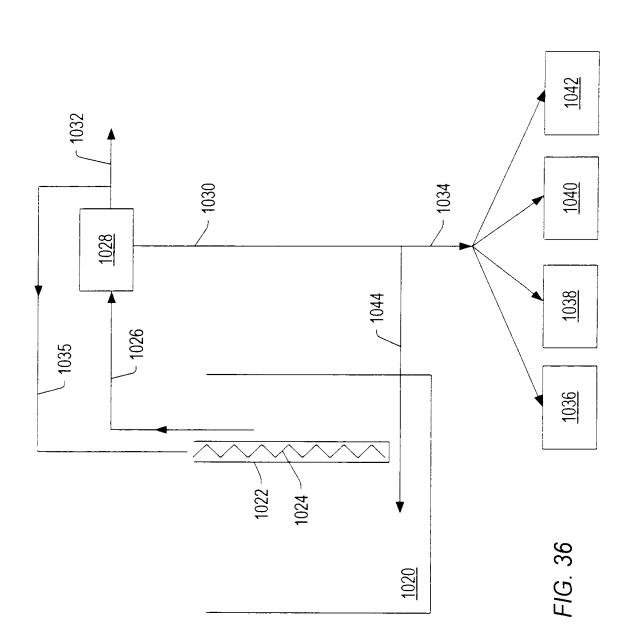


FIG. 35



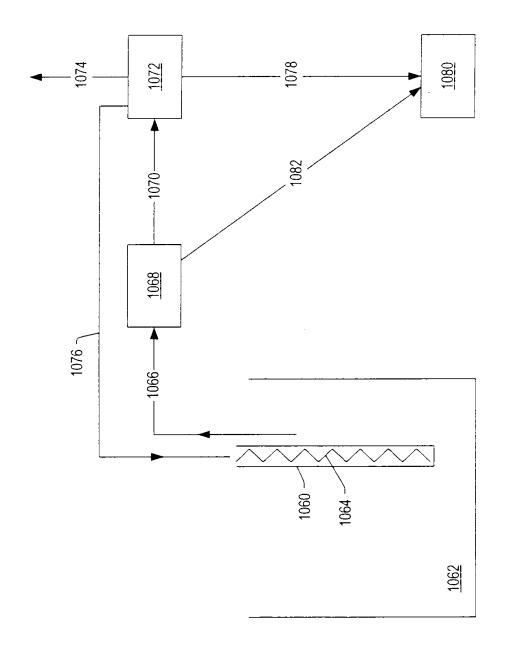
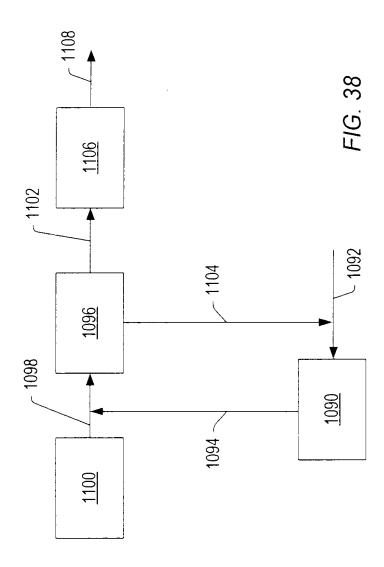
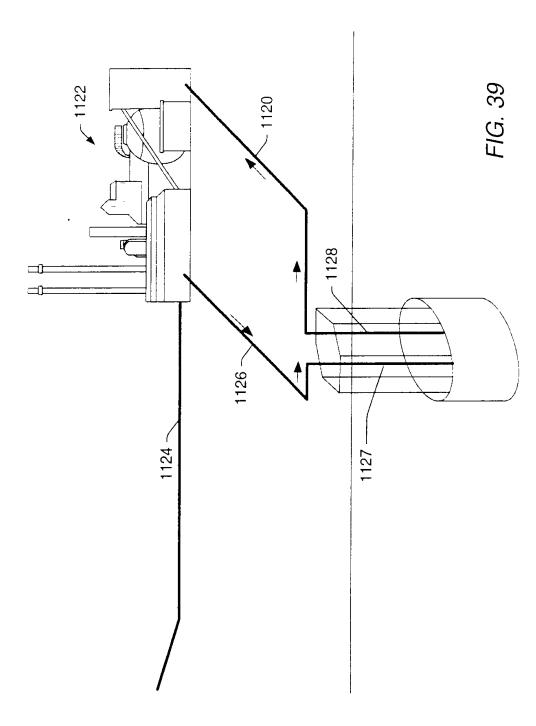
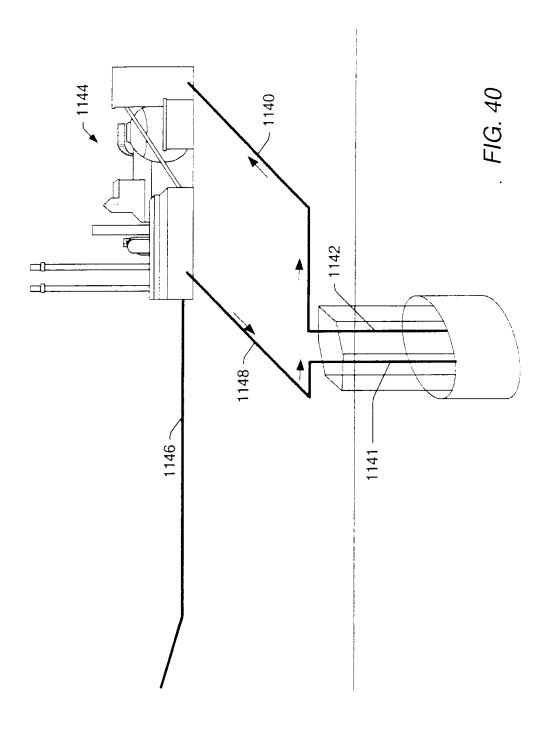


FIG. 37







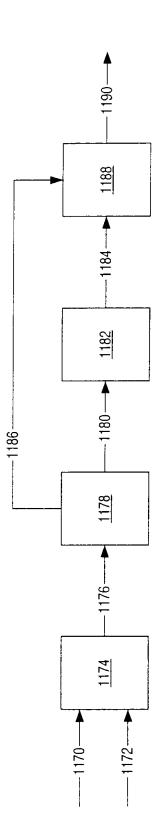


FIG. 41

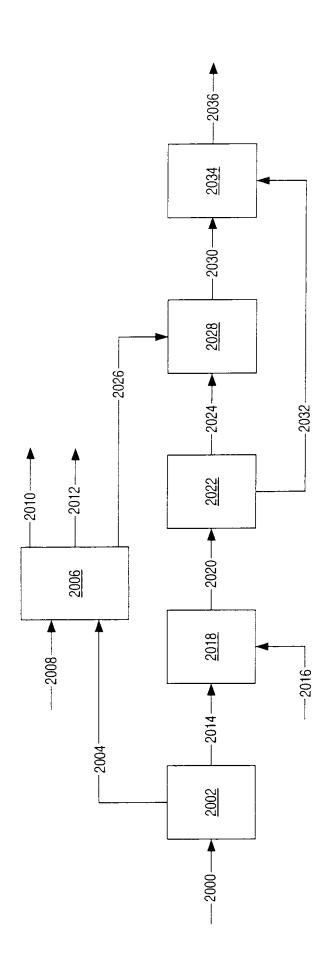


FIG. 42

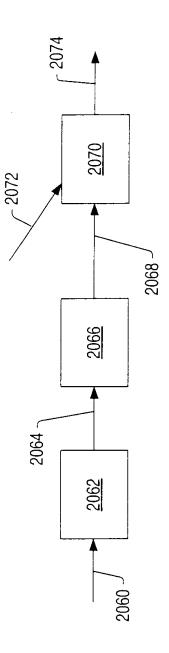


FIG. 43

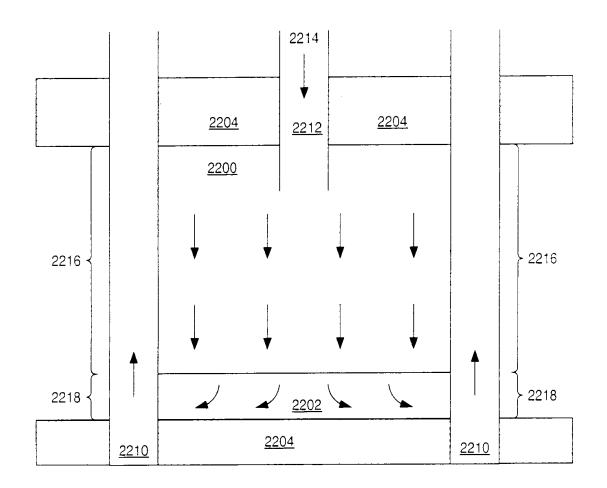


FIG. 44

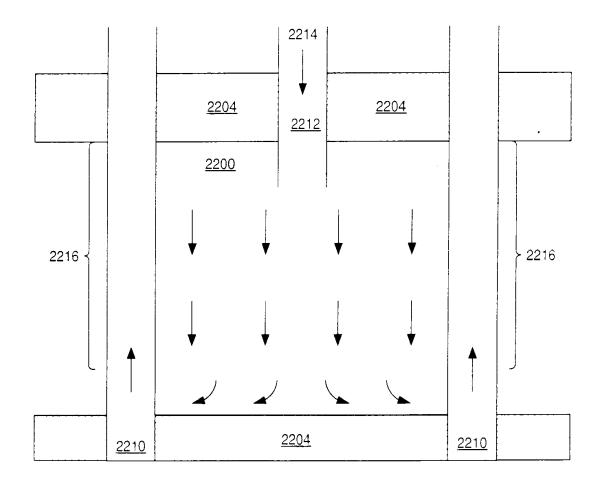


FIG. 45

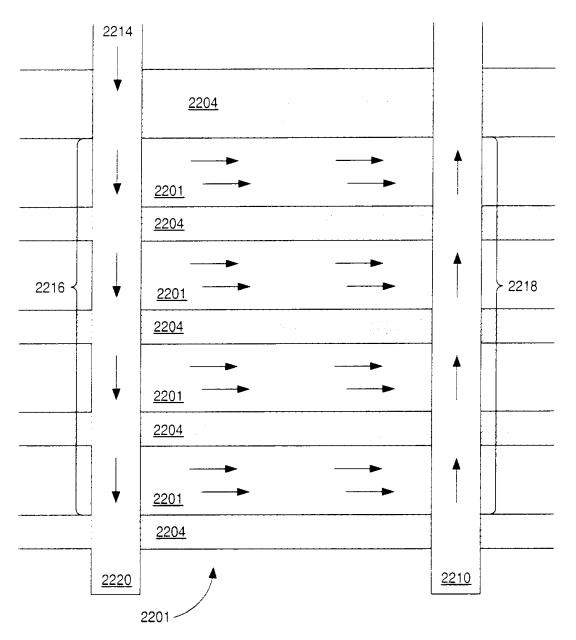


FIG. 46

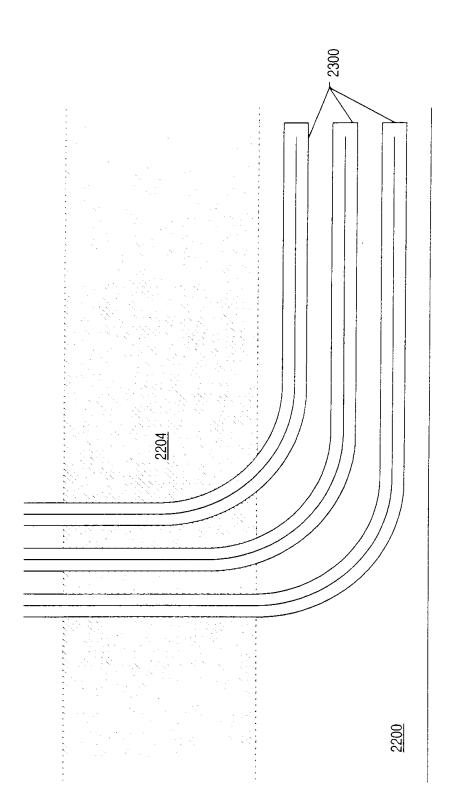


FIG. 47

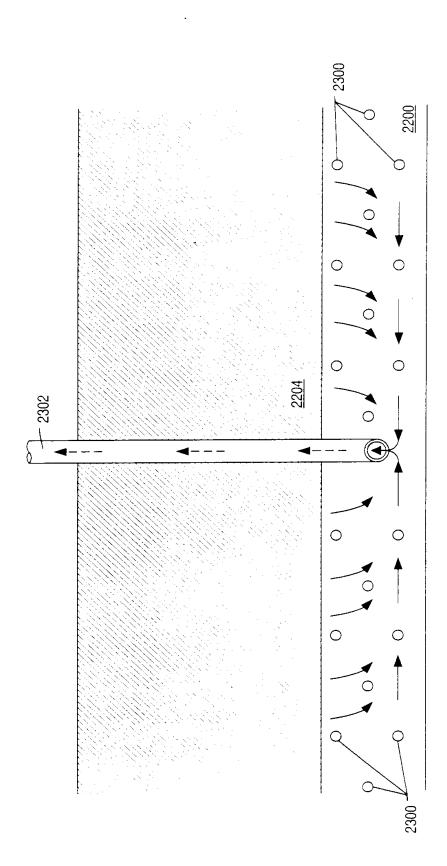


FIG. 48

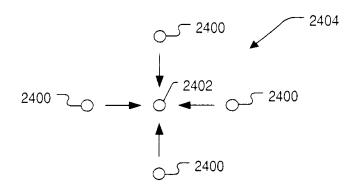


FIG. 49

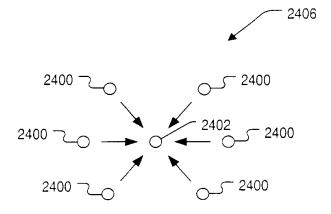


FIG. 50

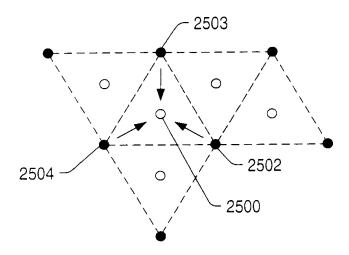


FIG. 51

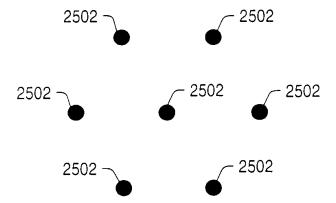
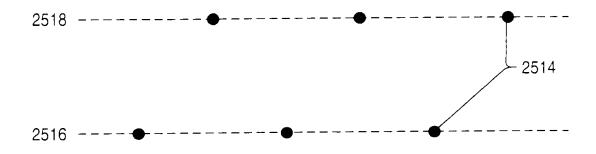
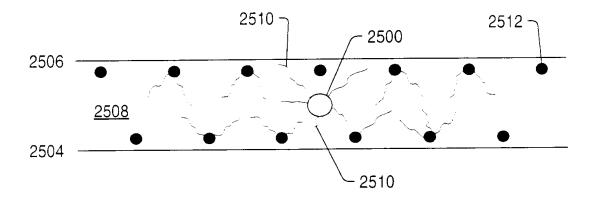


FIG. 52





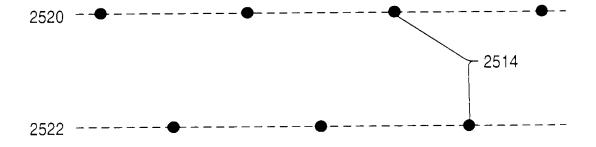


FIG. 53

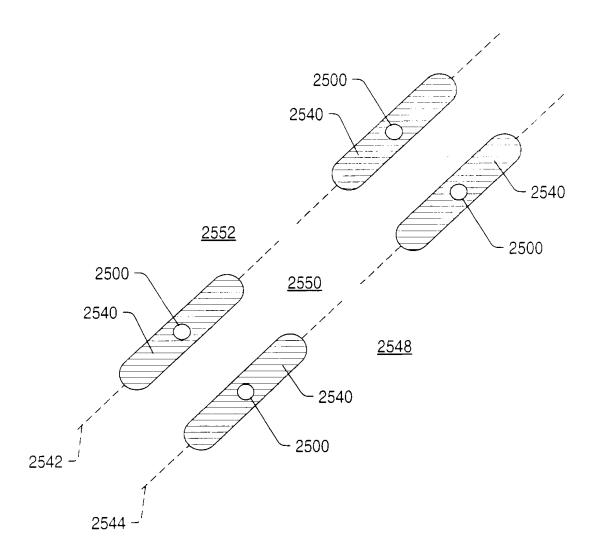


FIG. 54

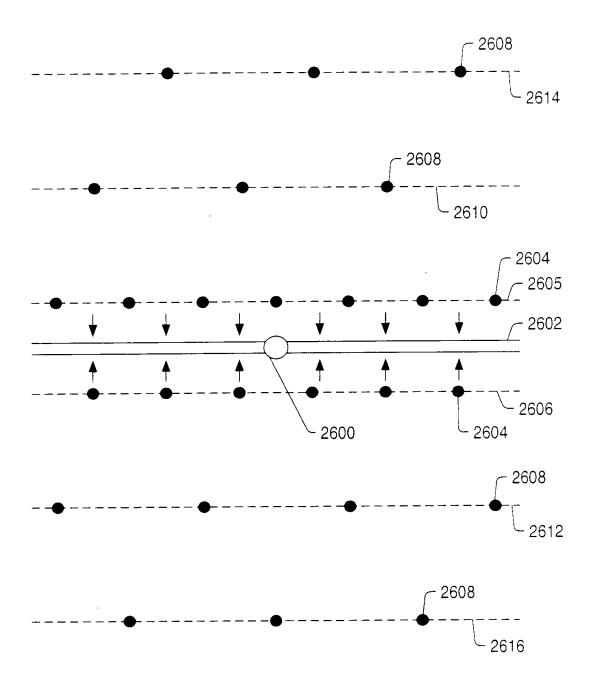


FIG. 55

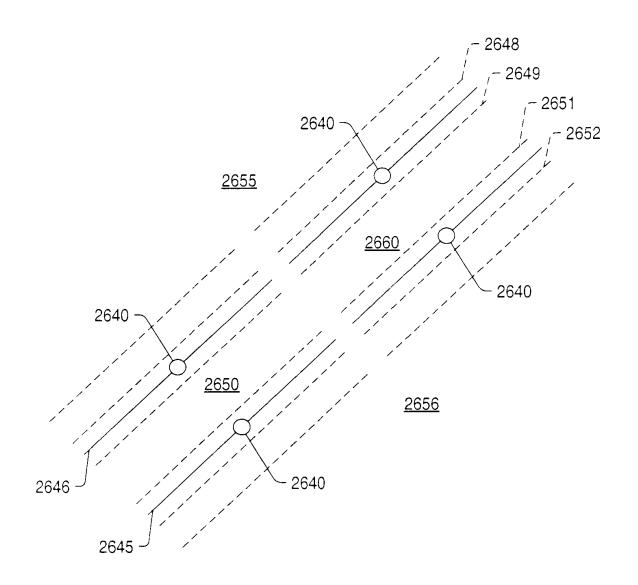


FIG. 56

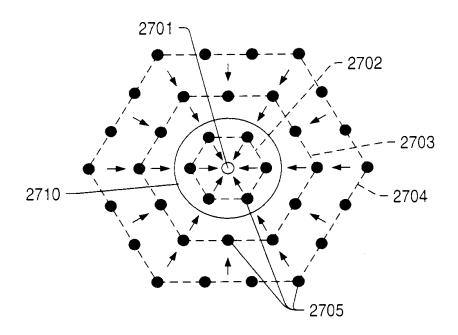


FIG. 57

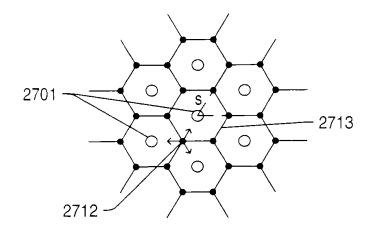


FIG. 58

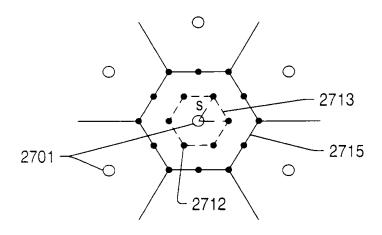


FIG. 59

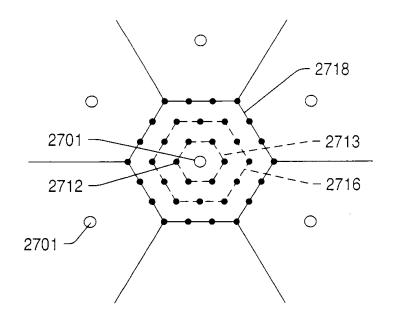


FIG. 60

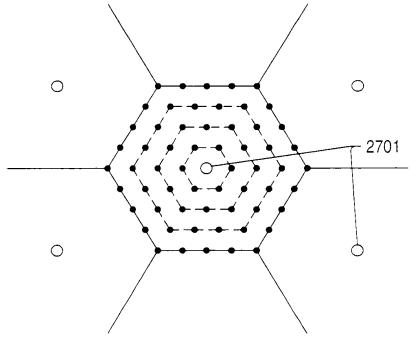


FIG. 61

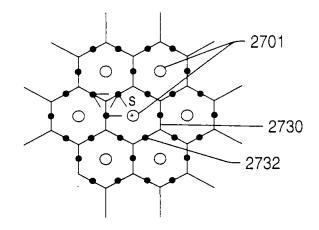


FIG. 62

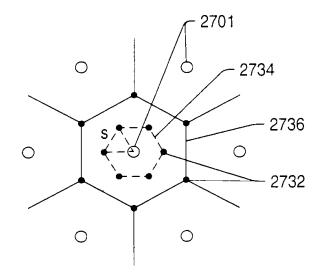
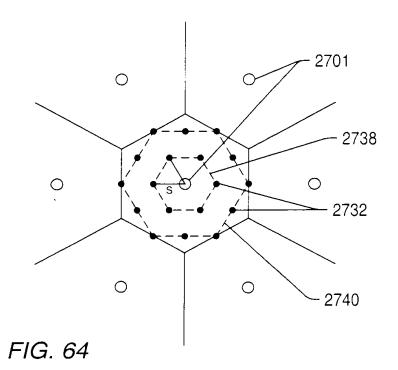
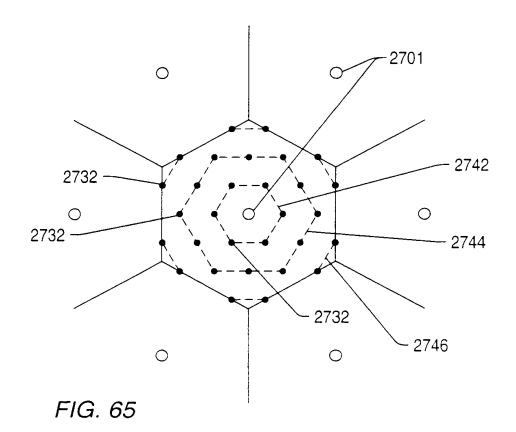


FIG. 63





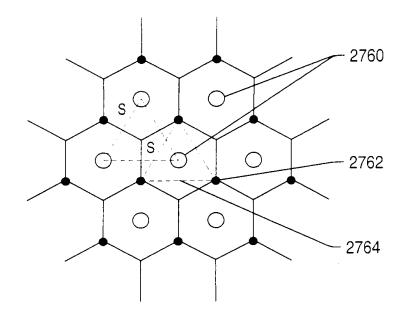


FIG. 66

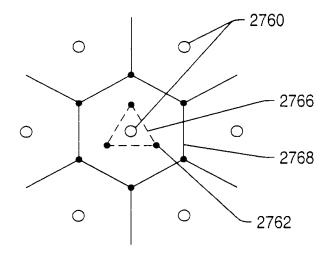
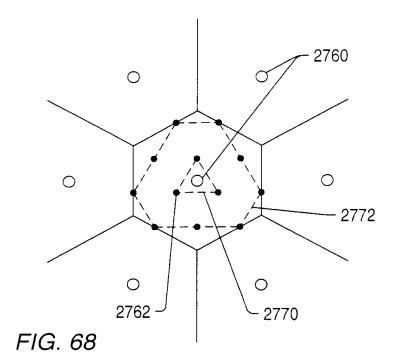
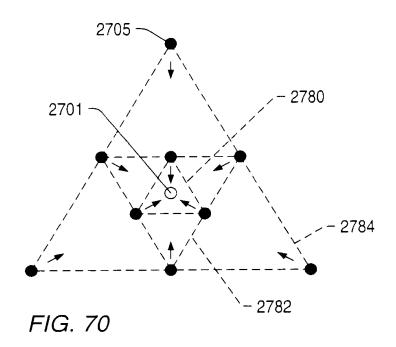


FIG. 67



2762 2776 2776 2776 2776 2760 2762 FIG. 69



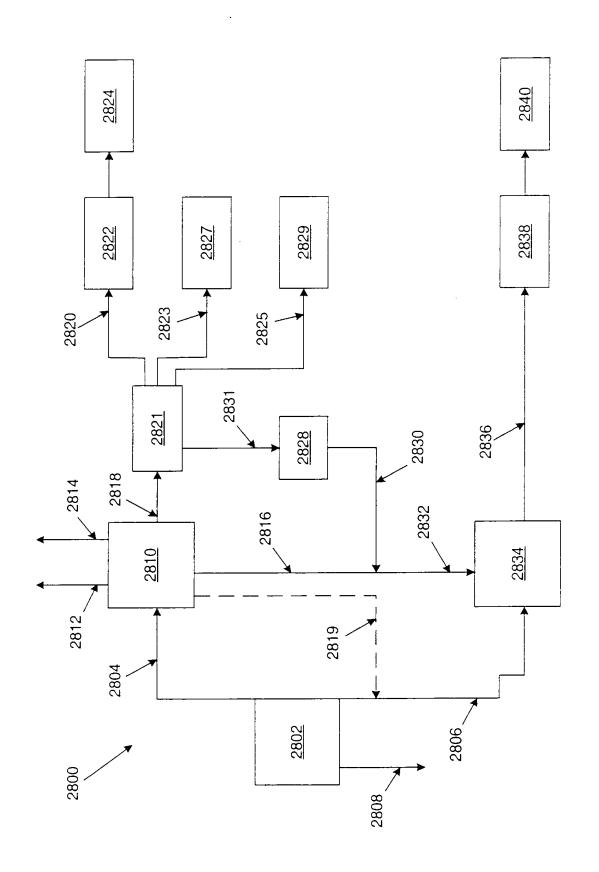


Fig. 7

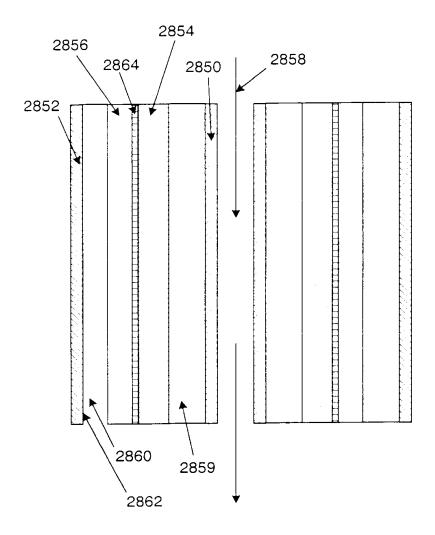
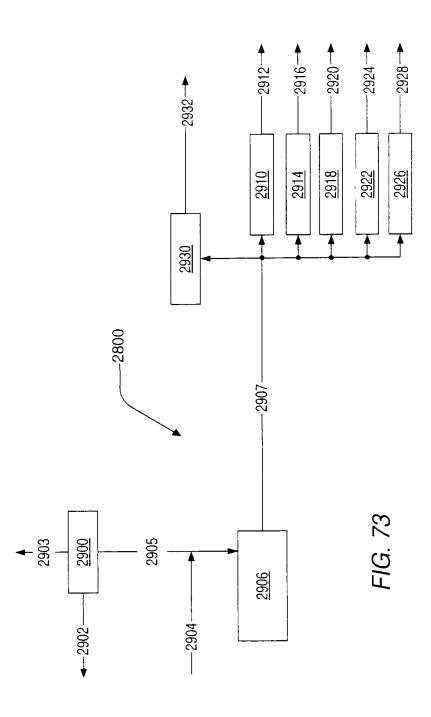


Fig. 72



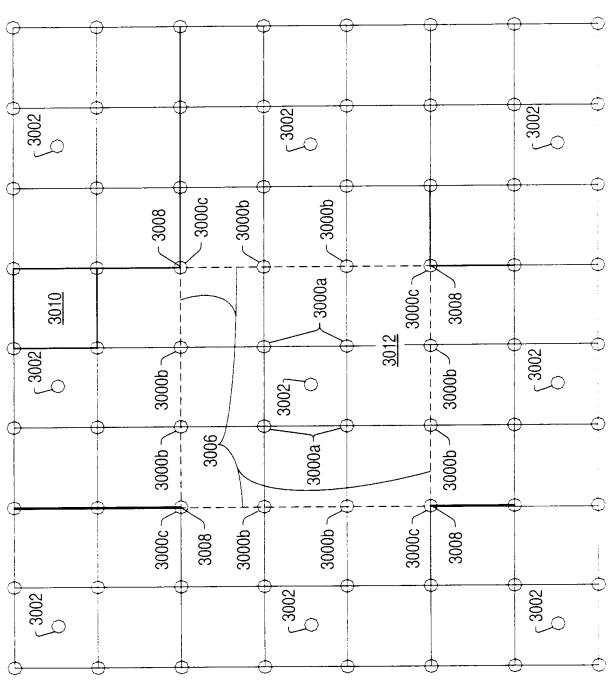


FIG. 74

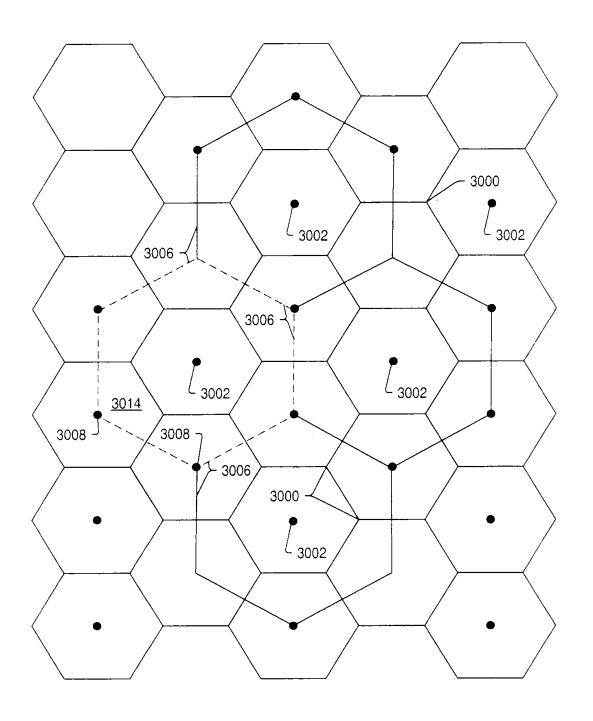


FIG. 75

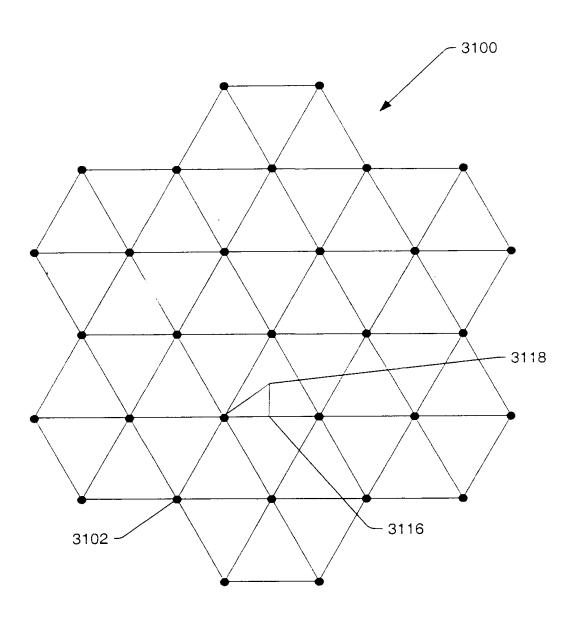


FIG. 76

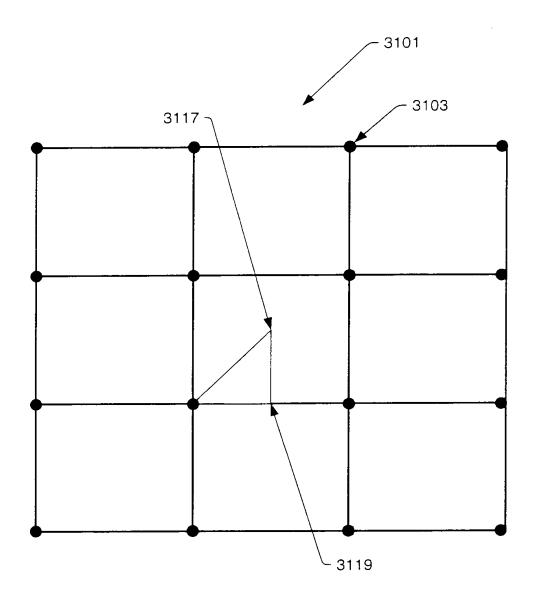


FIG. 76a

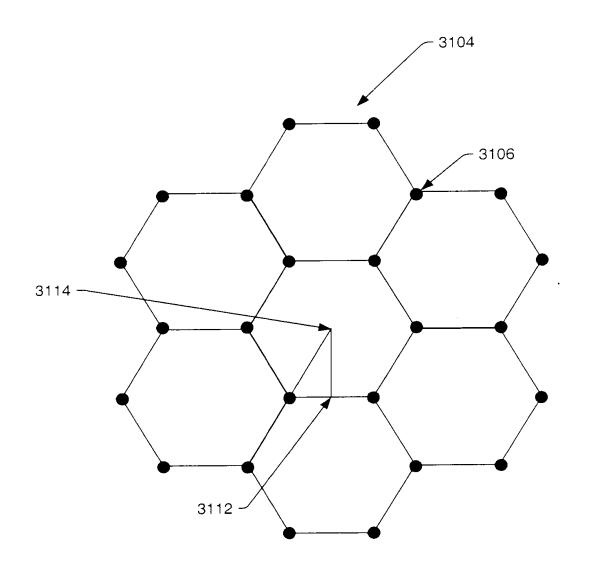


FIG. 77

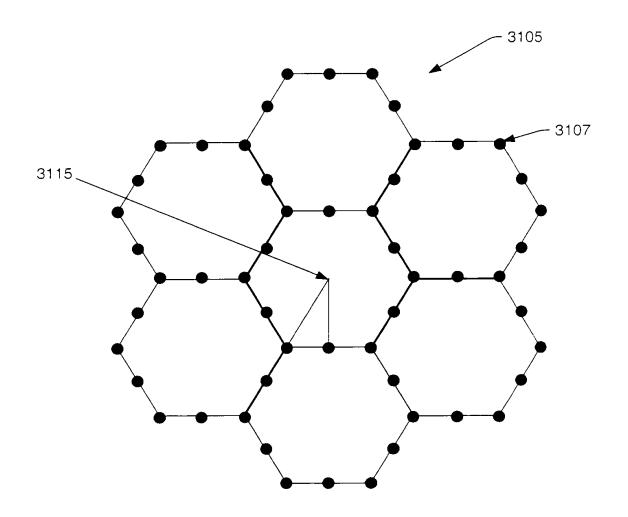
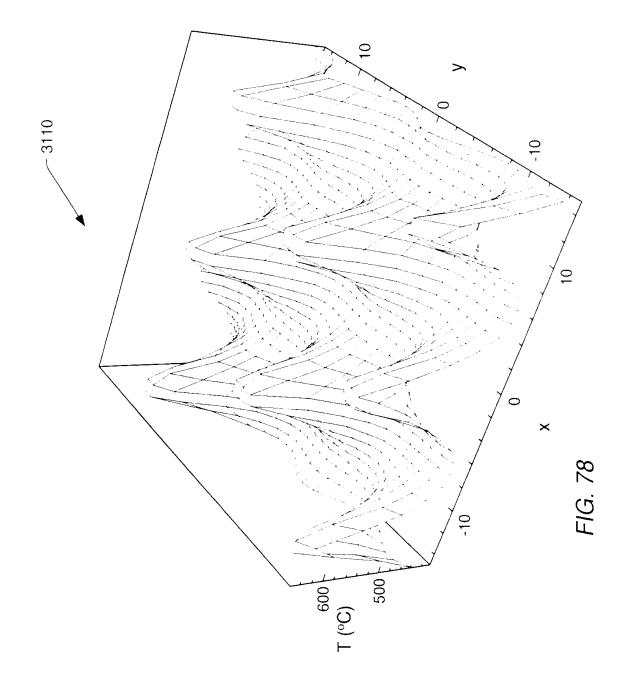
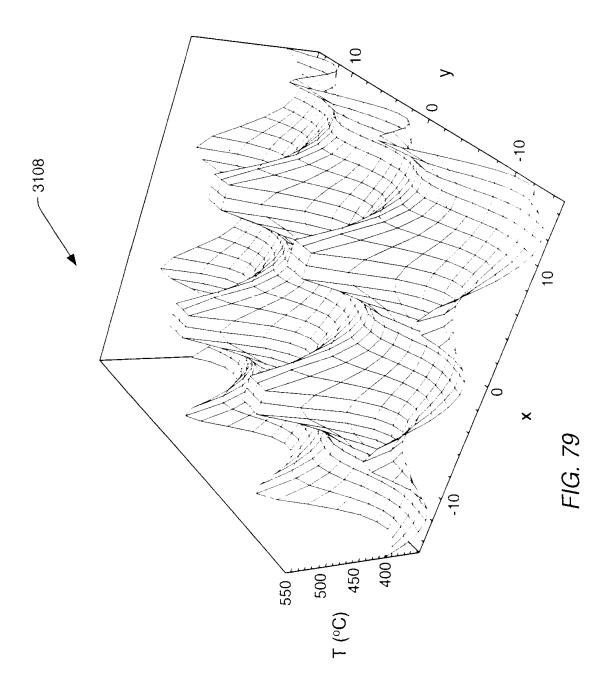
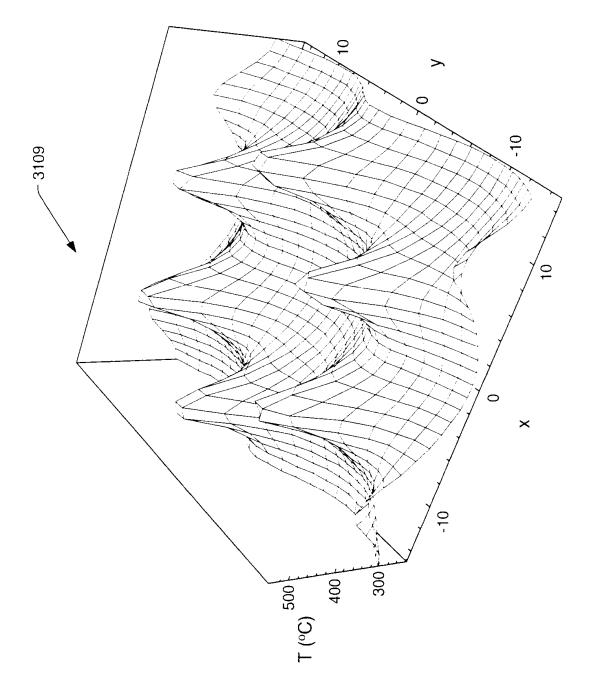


FIG. 77a







F1G. 79

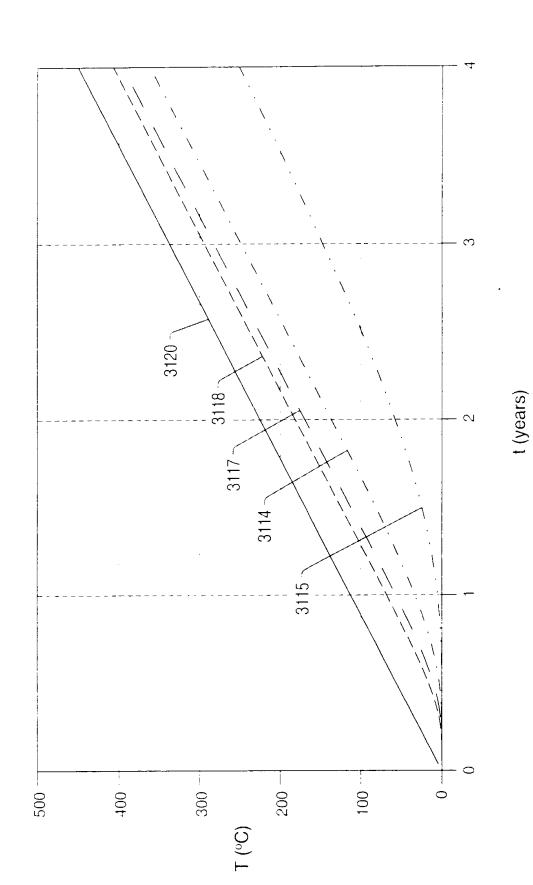
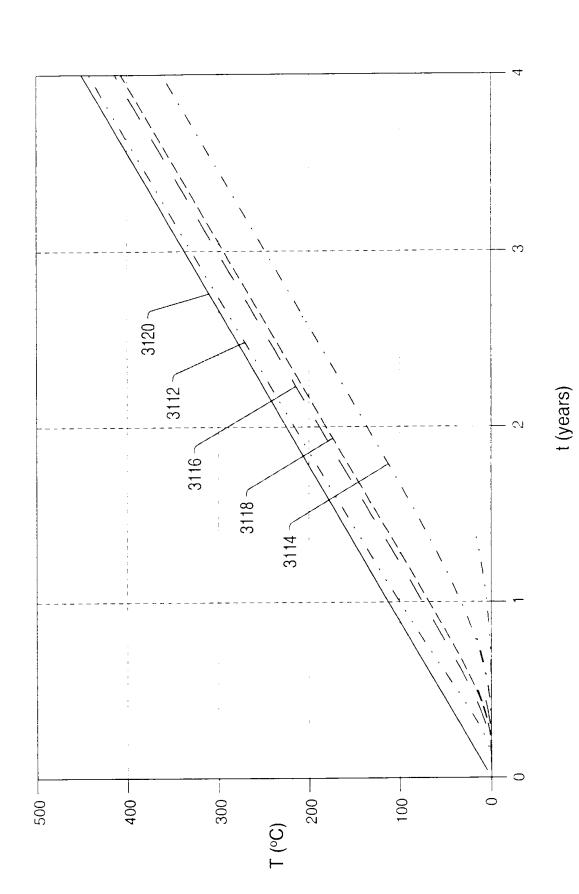


FIG. 80



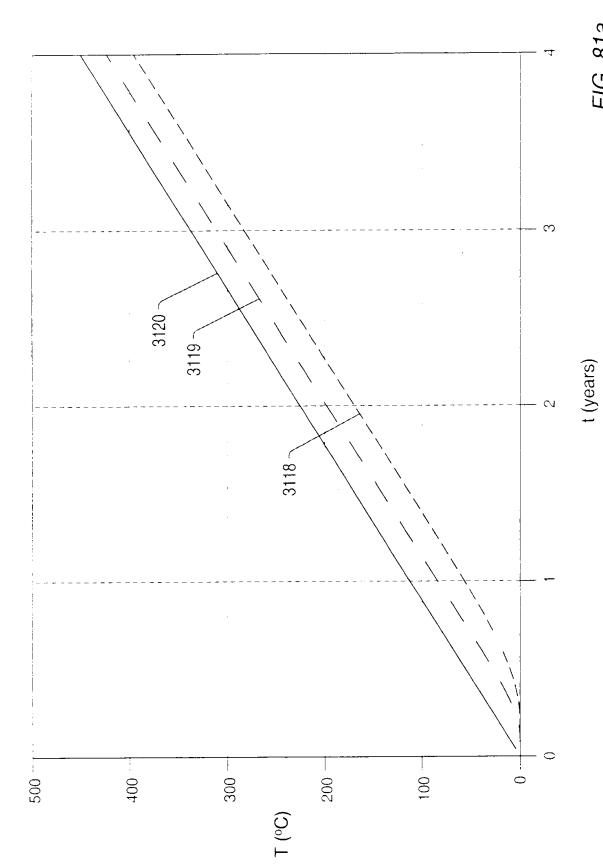


FIG. 81a

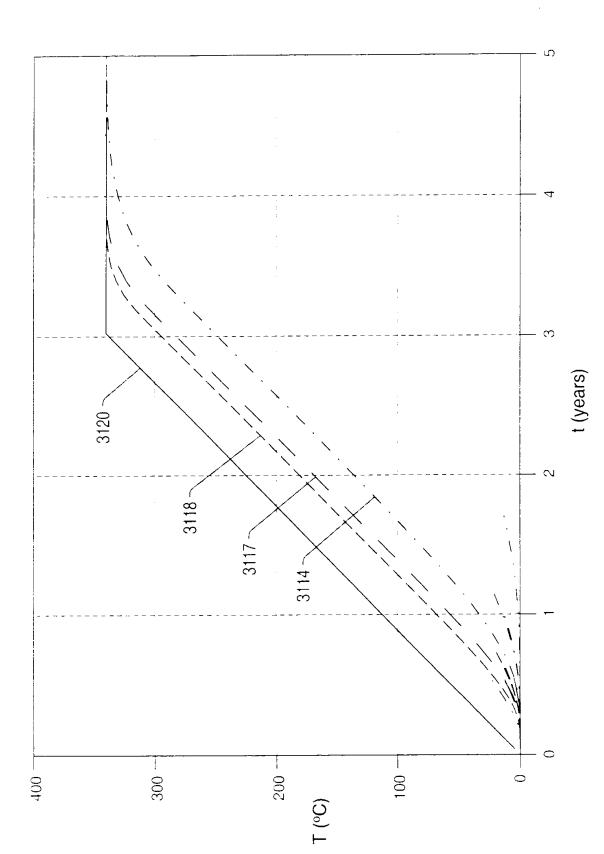
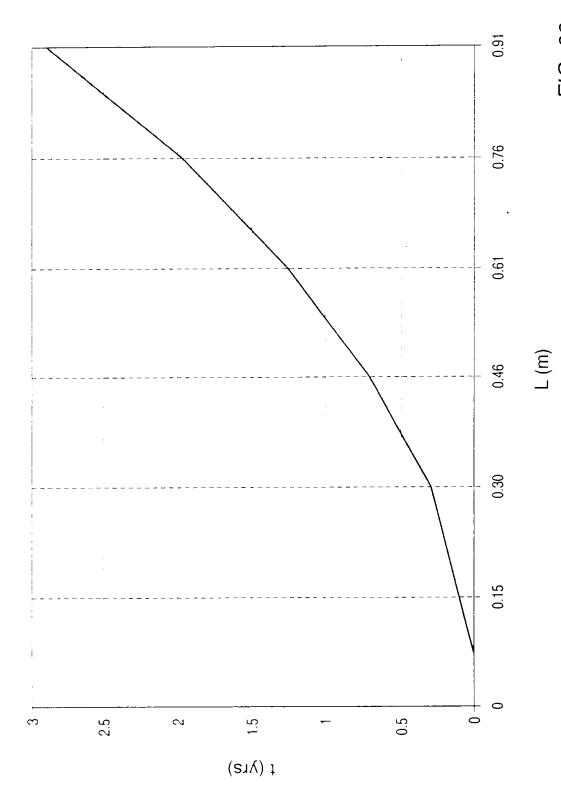
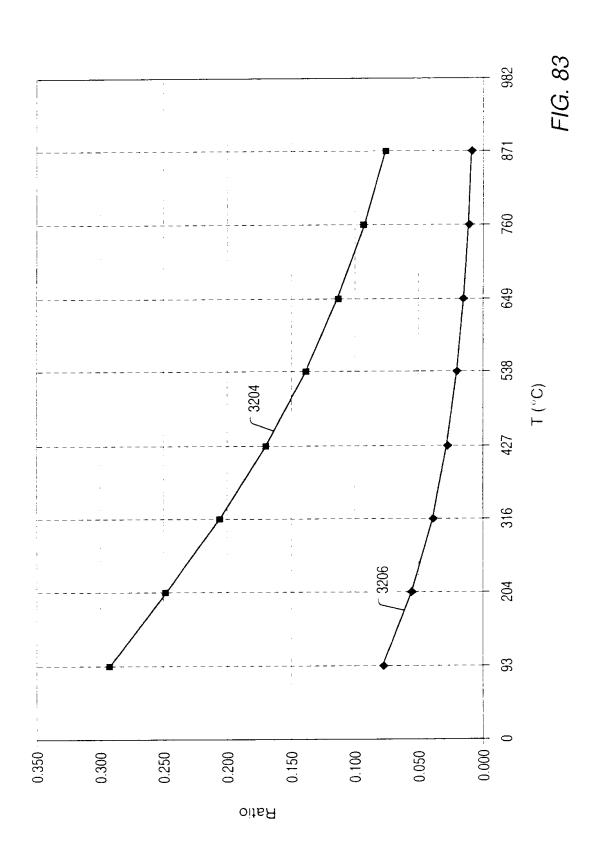


FIG. 81b



F1G. 82



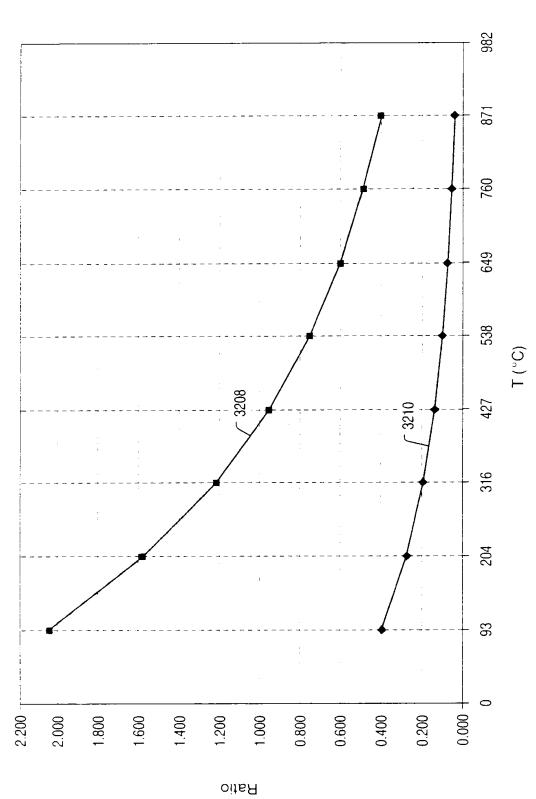
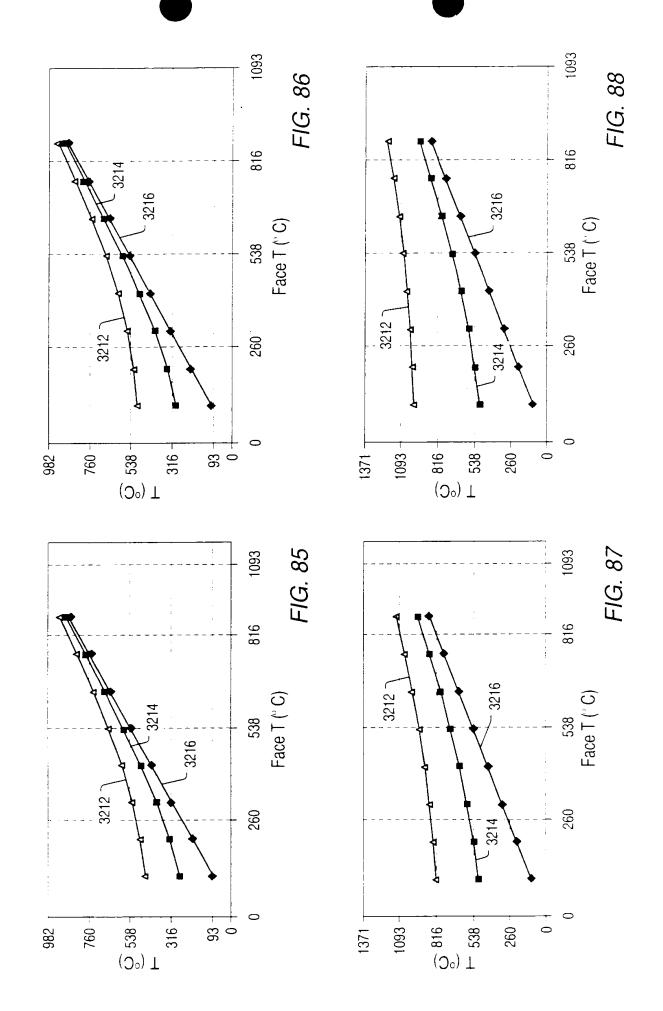
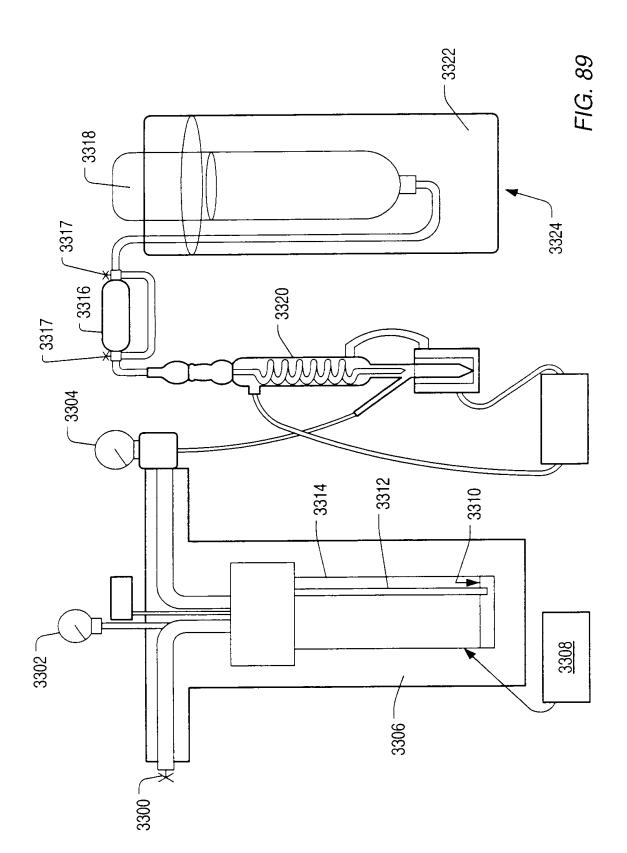
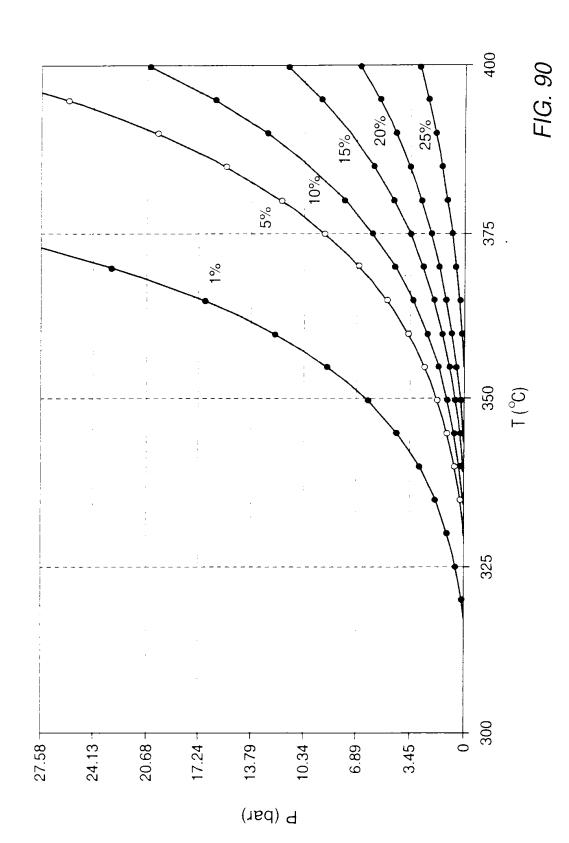
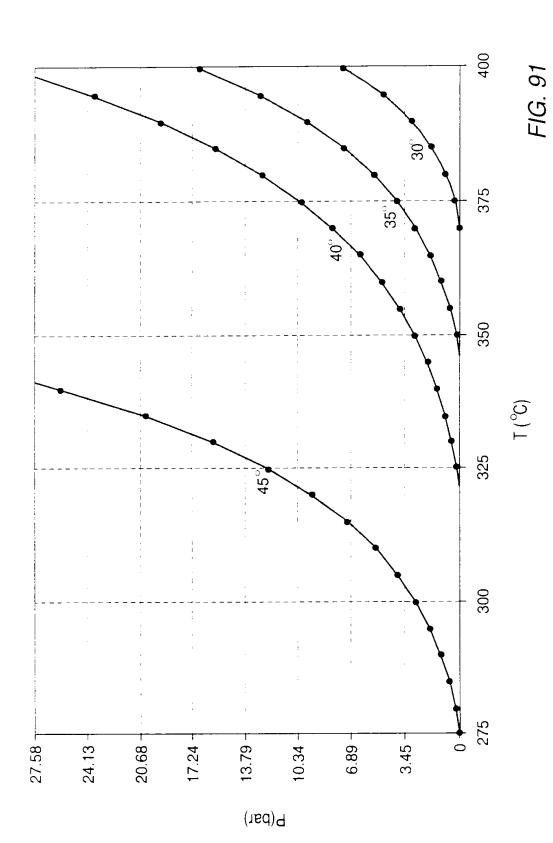


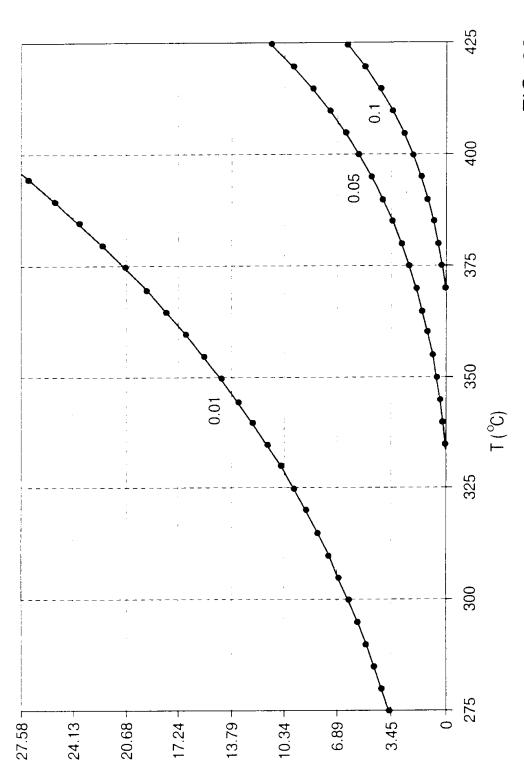
FIG. 84





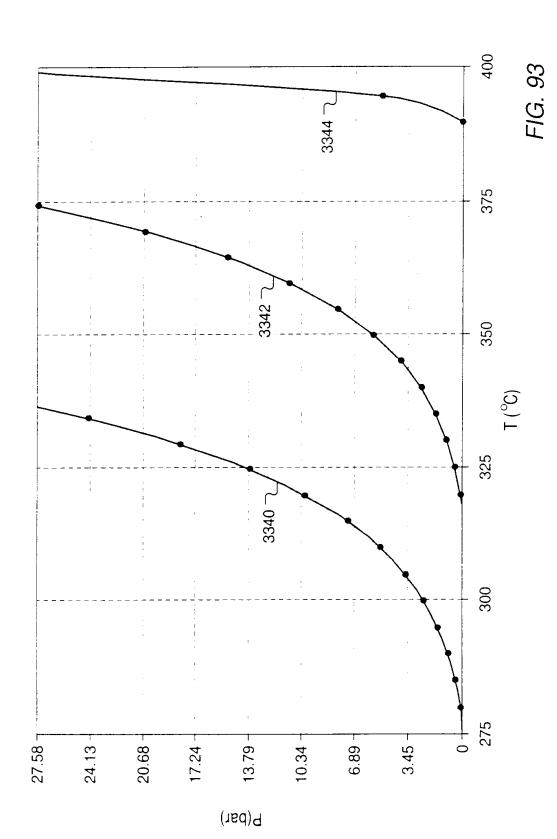






P(bar)

FIG. 92



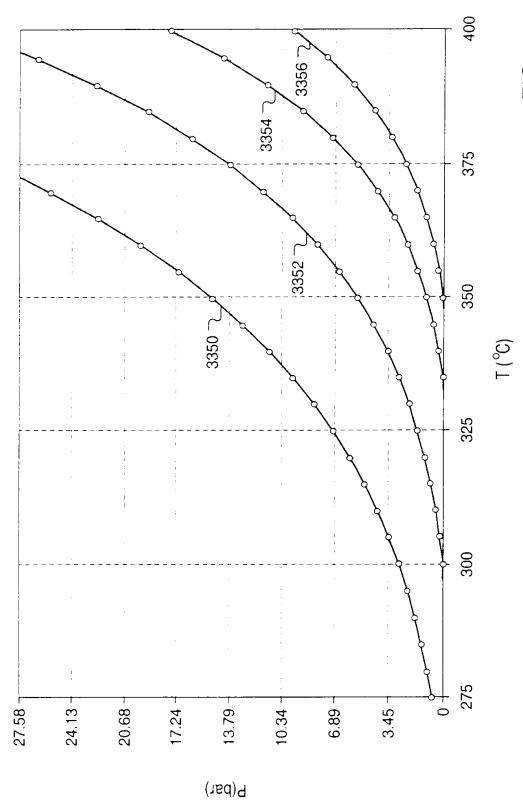
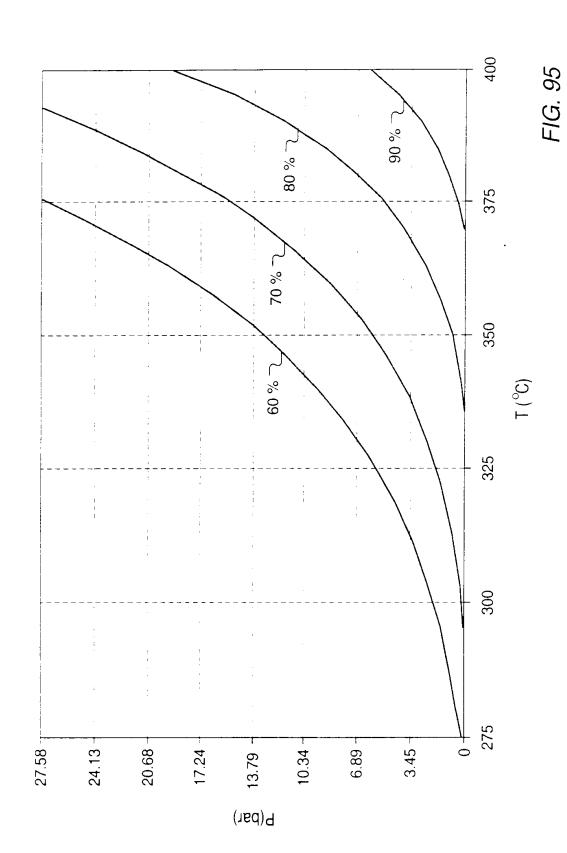


FIG. 94



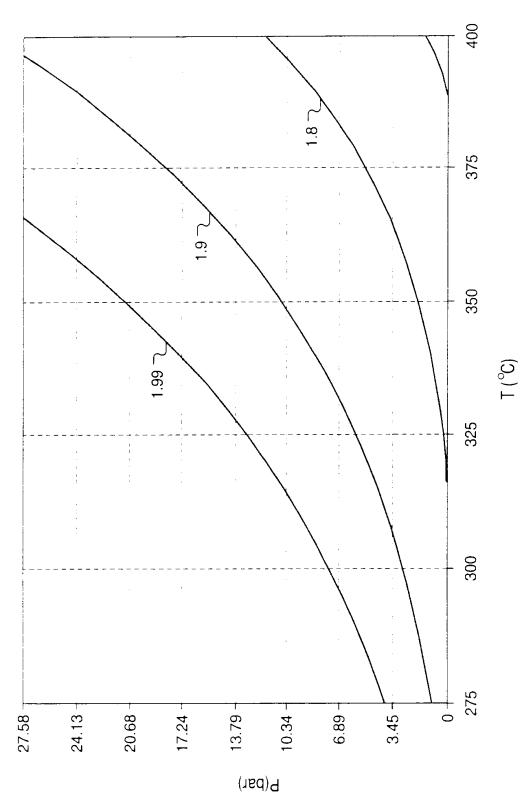
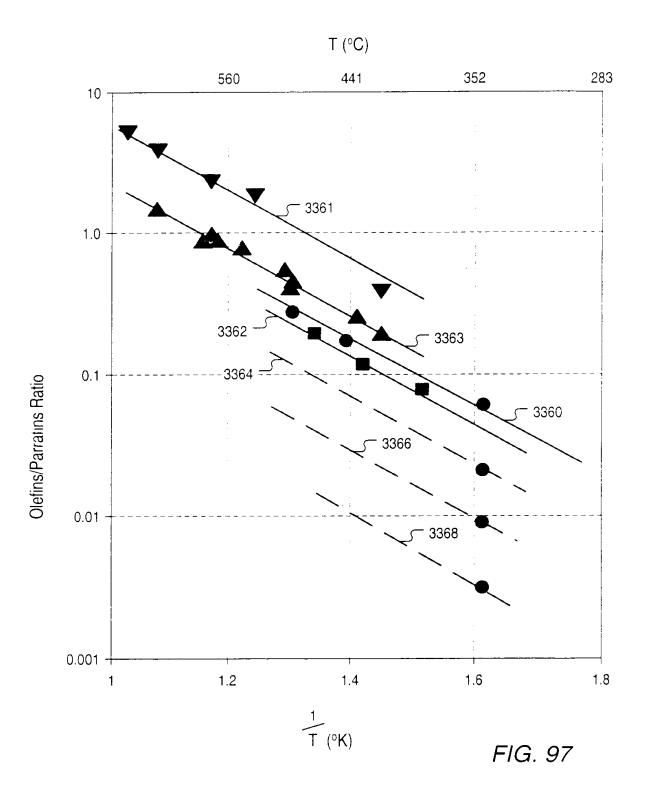


FIG. 96



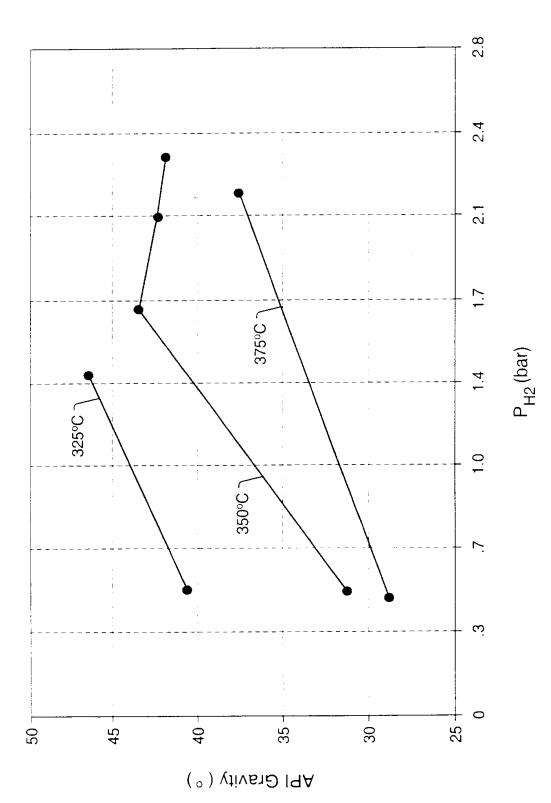


FIG. 98

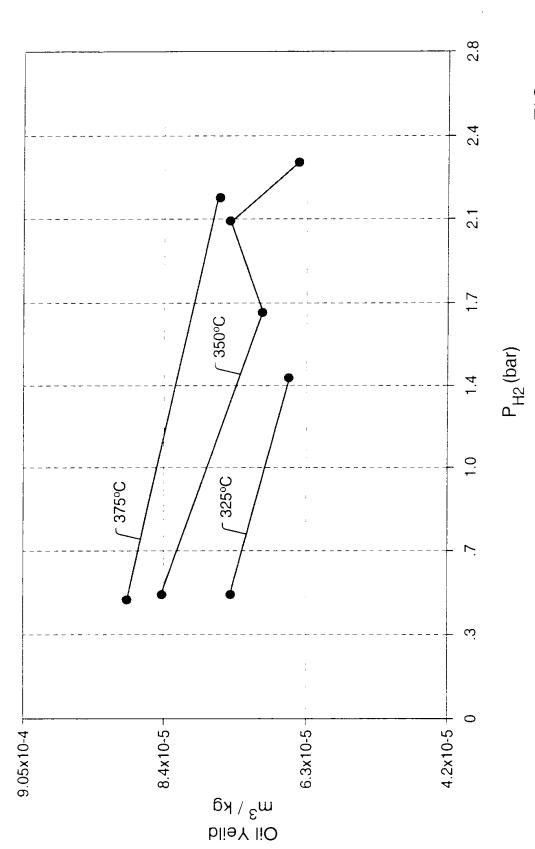
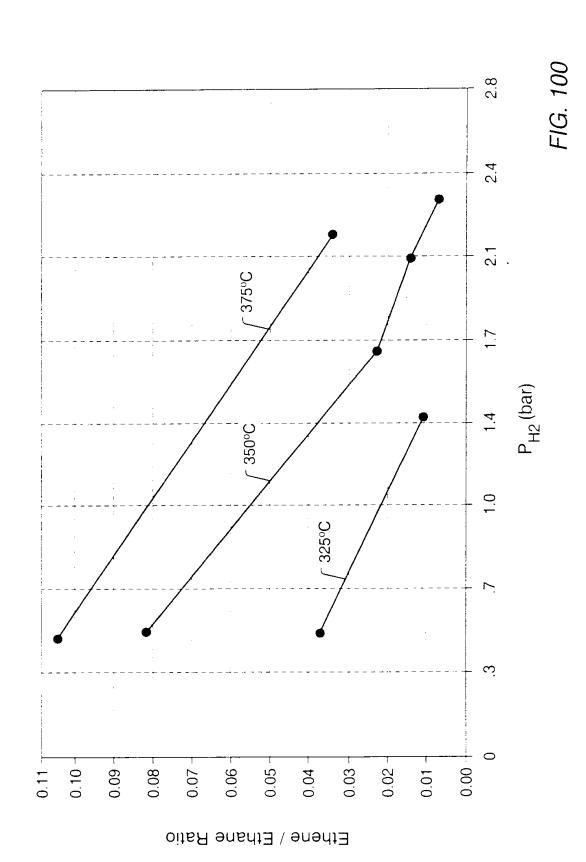
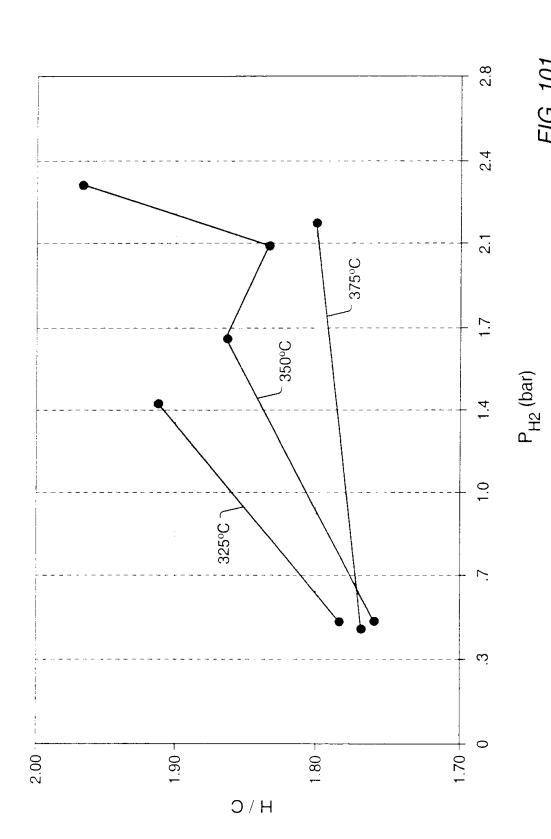
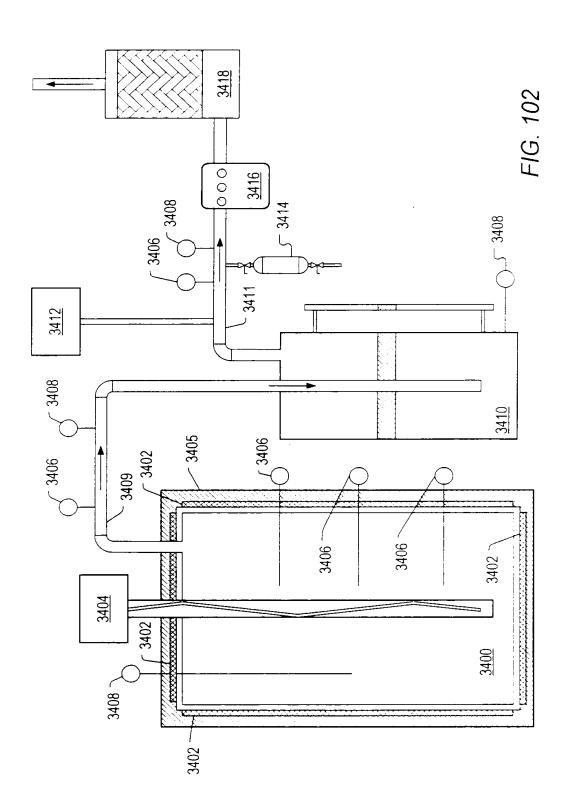
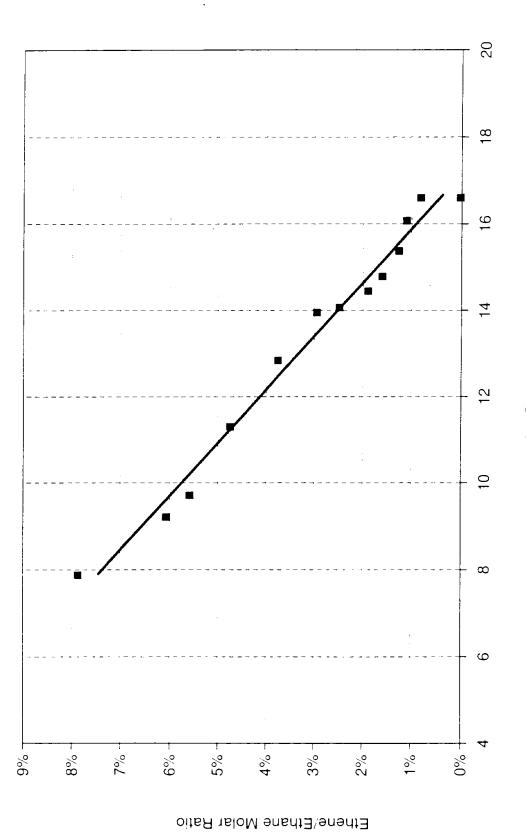


FIG. 99









H₂ Concentration (mol%)

FIG 103

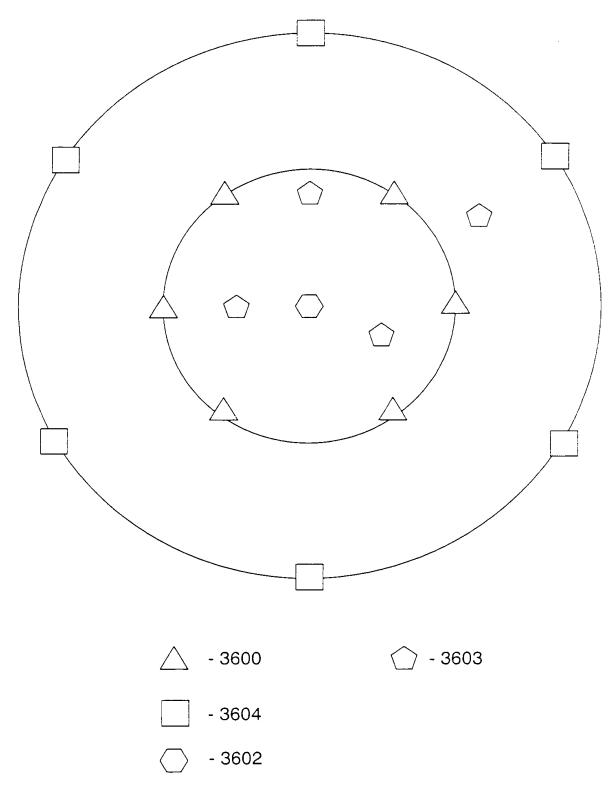
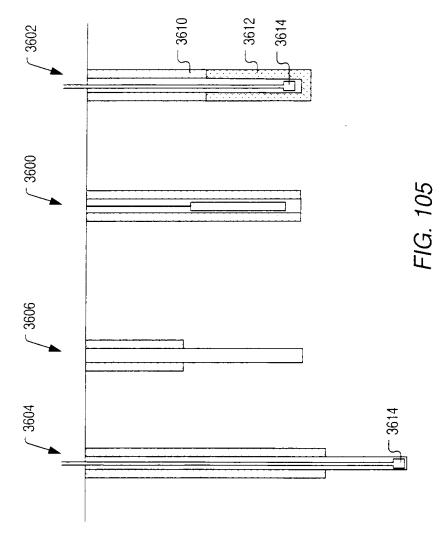
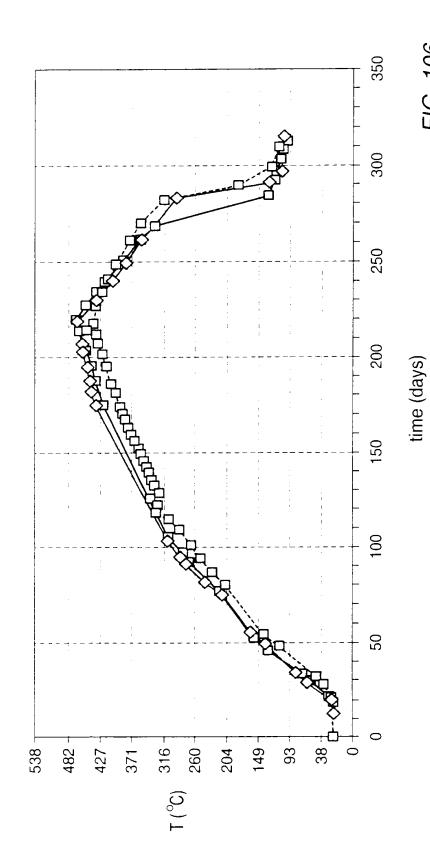


FIG. 104





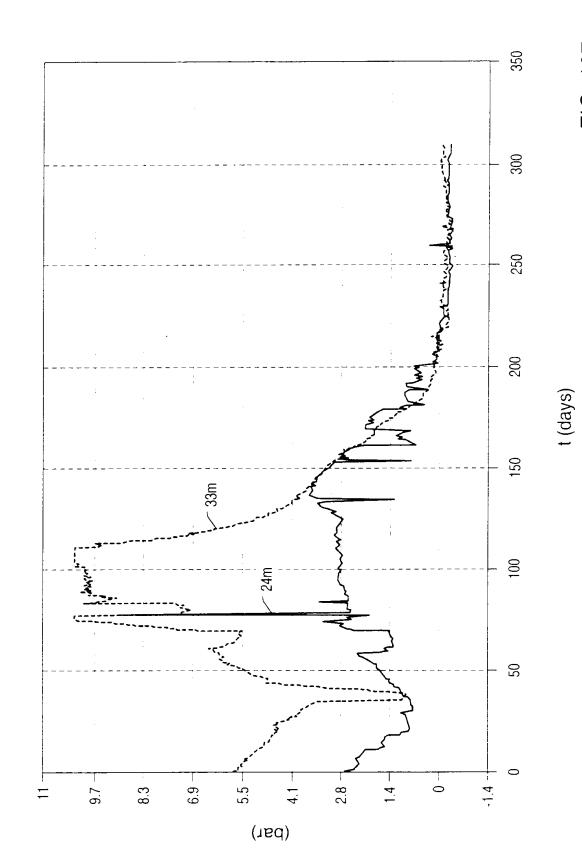
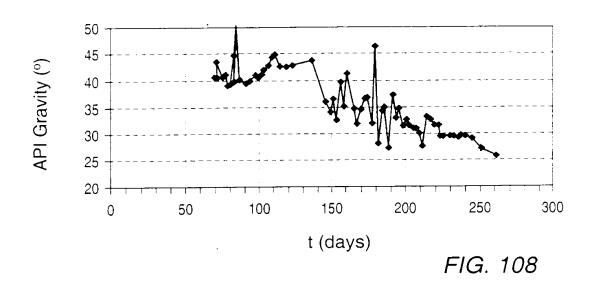
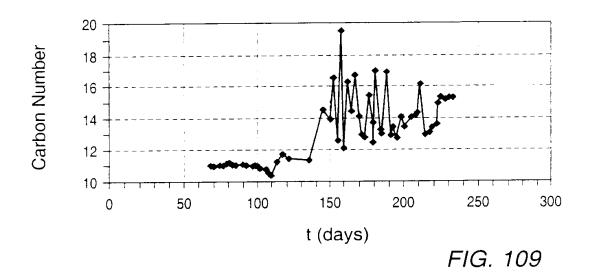
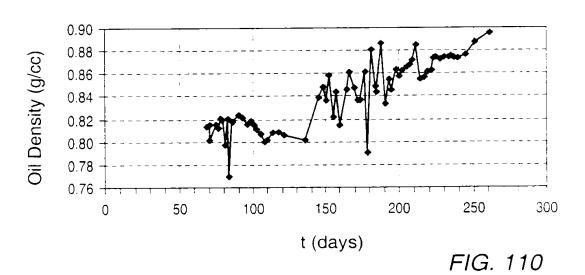


FIG. 107







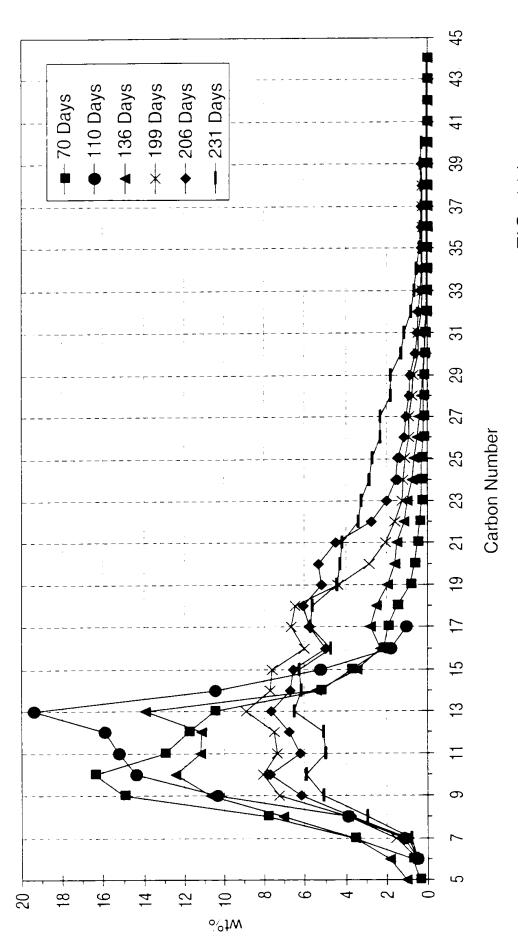
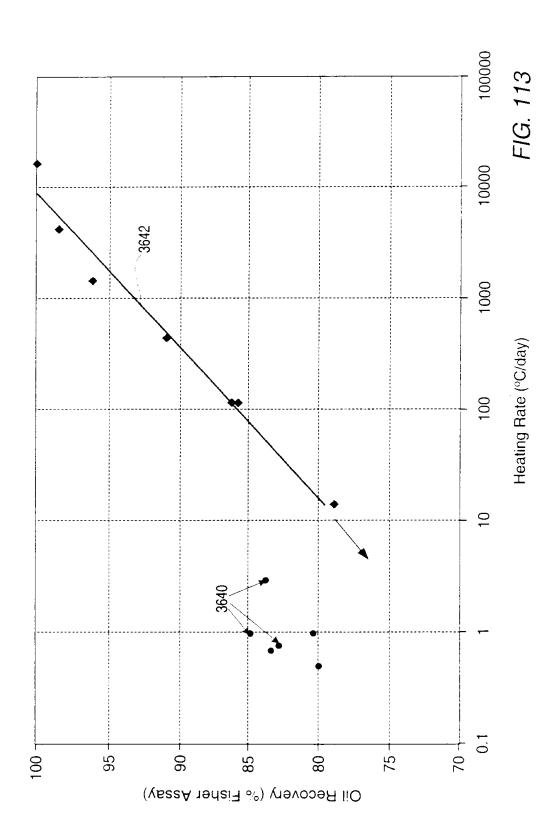
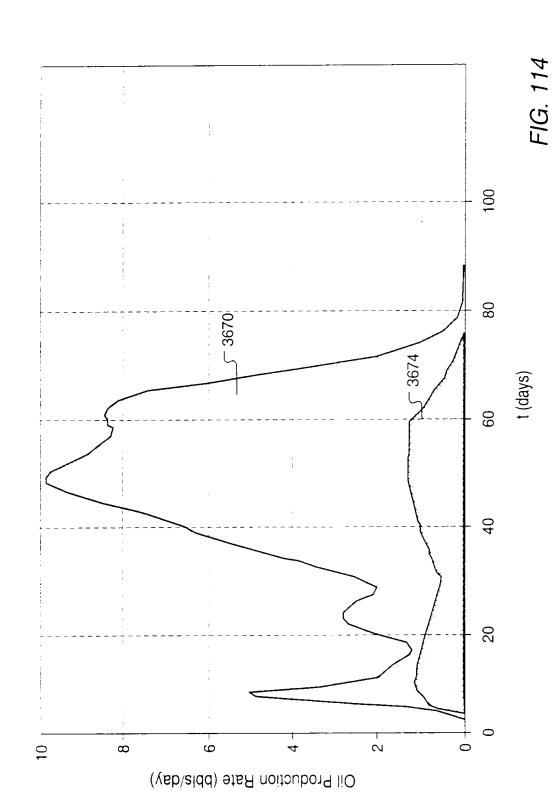
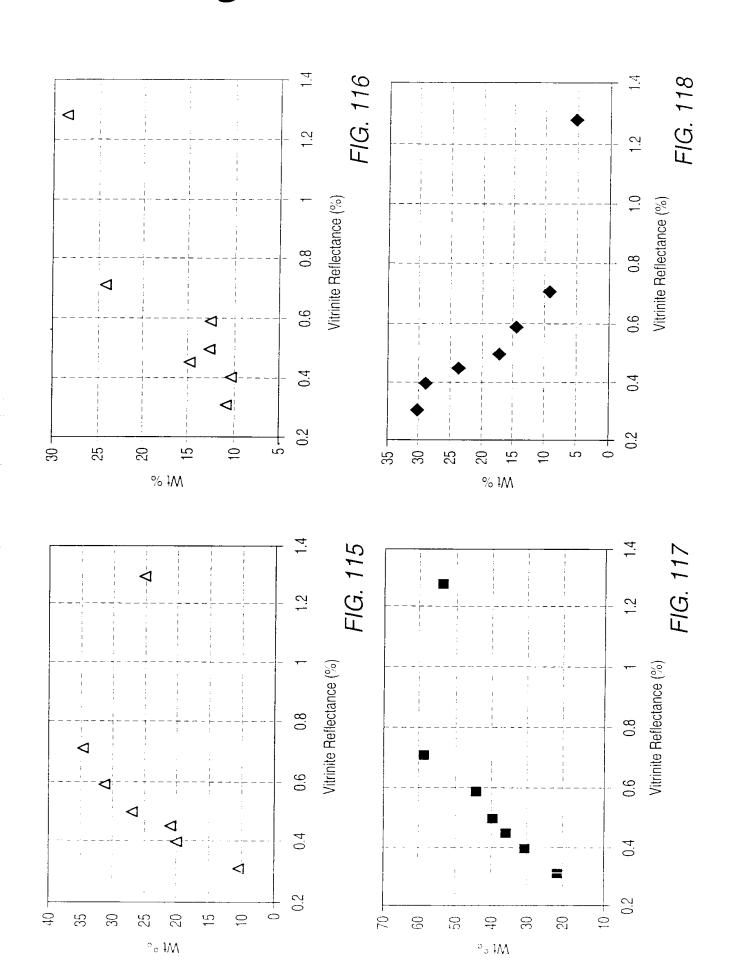


FIG. 111

FIG. 112







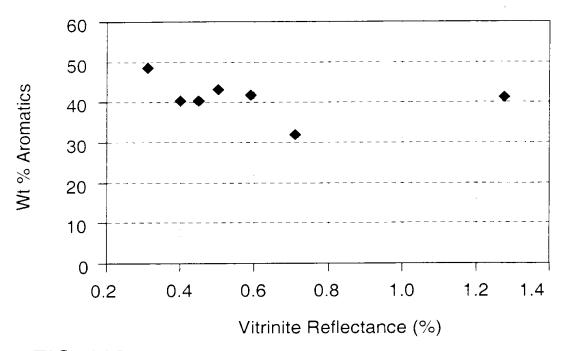
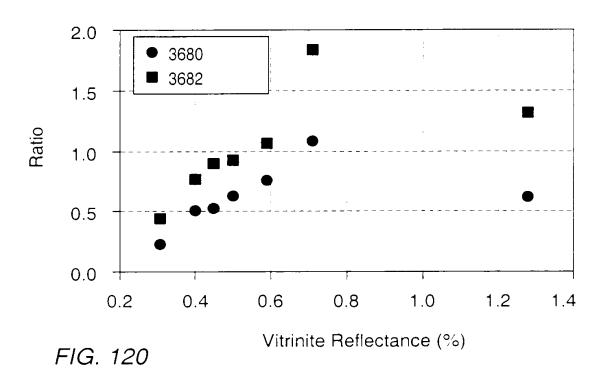
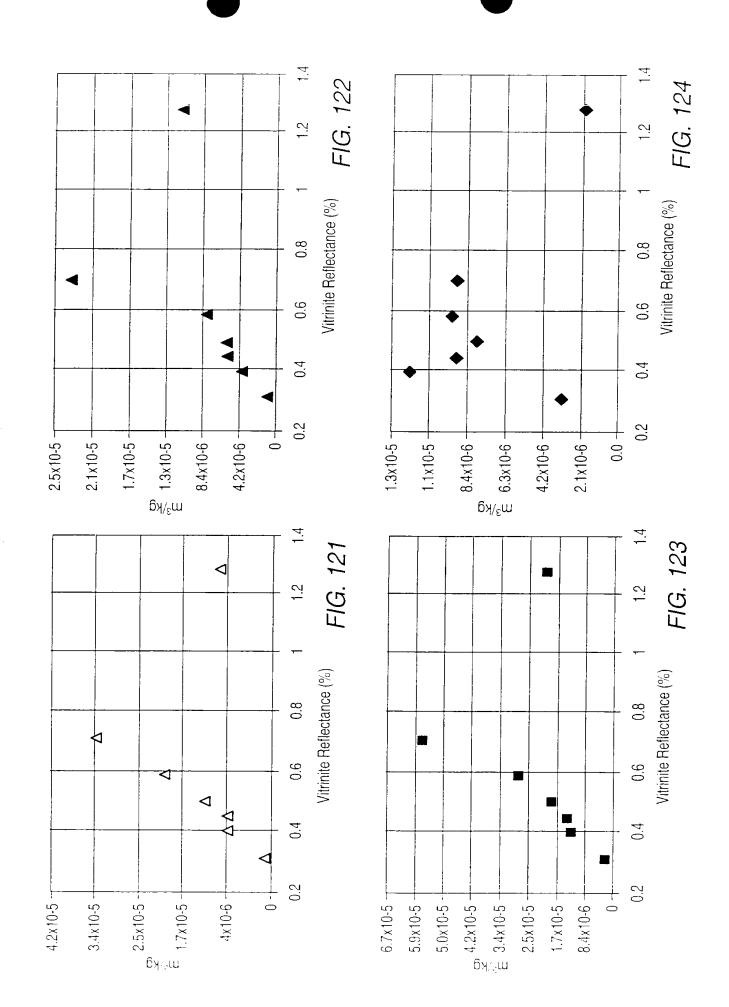


FIG. 119





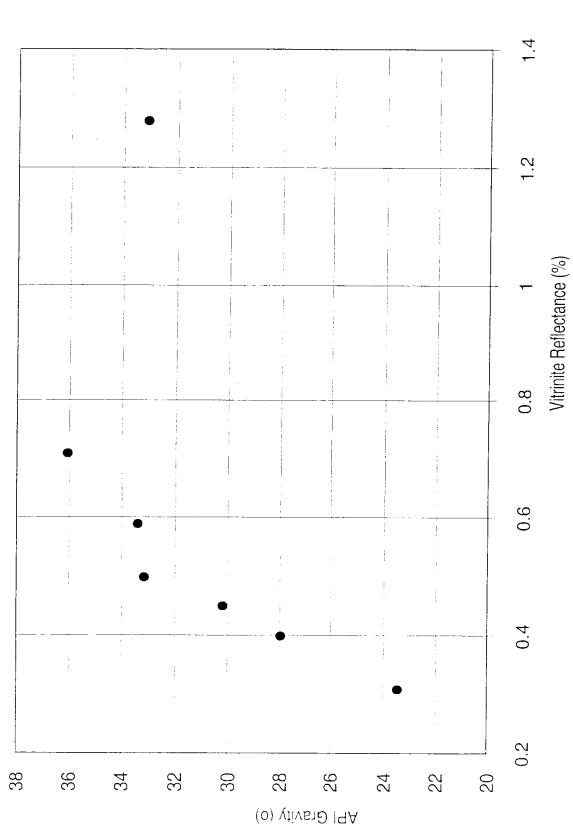
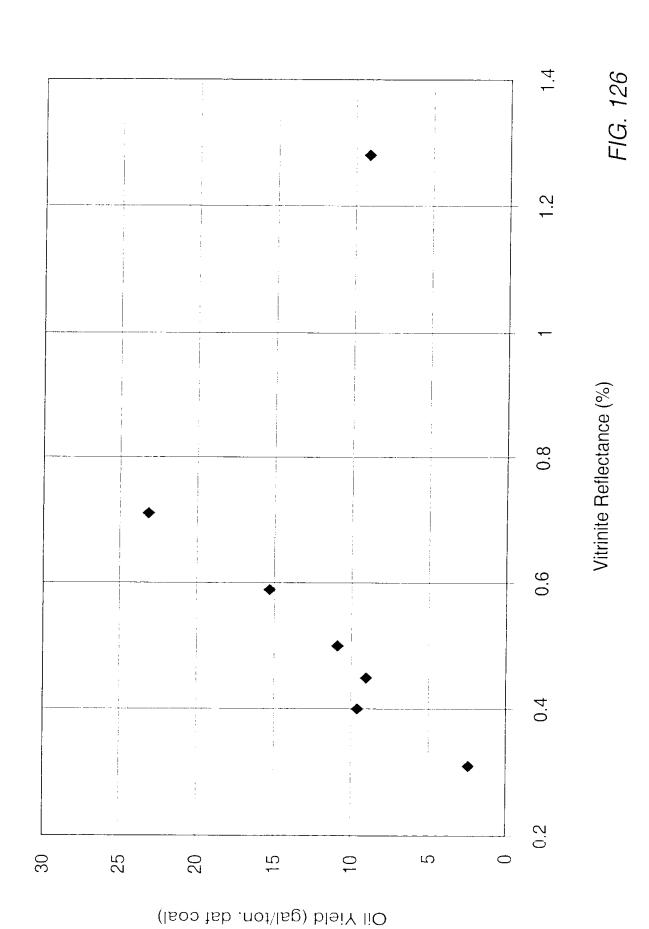
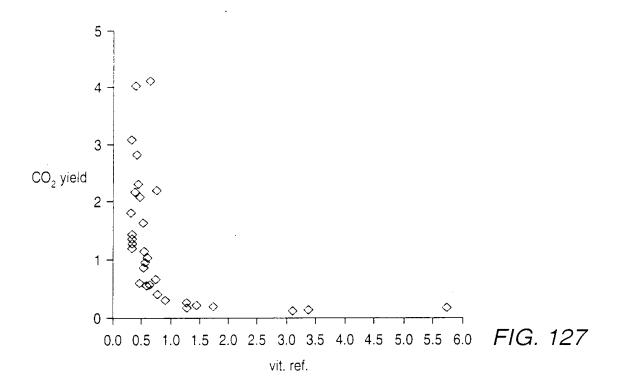
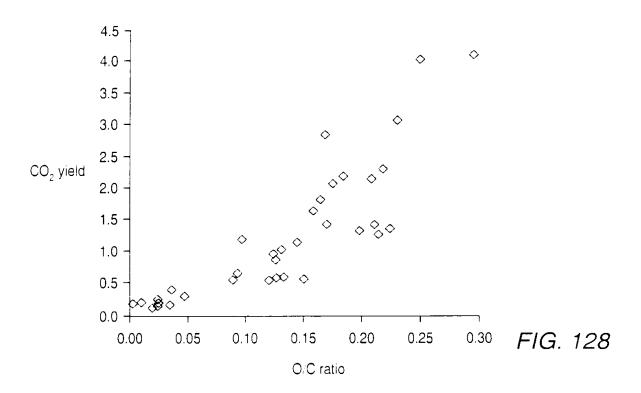
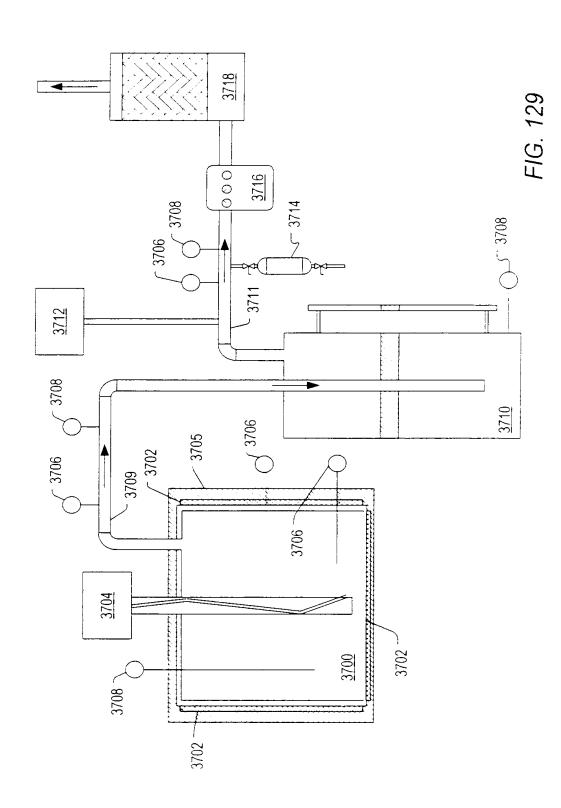


FIG. 125









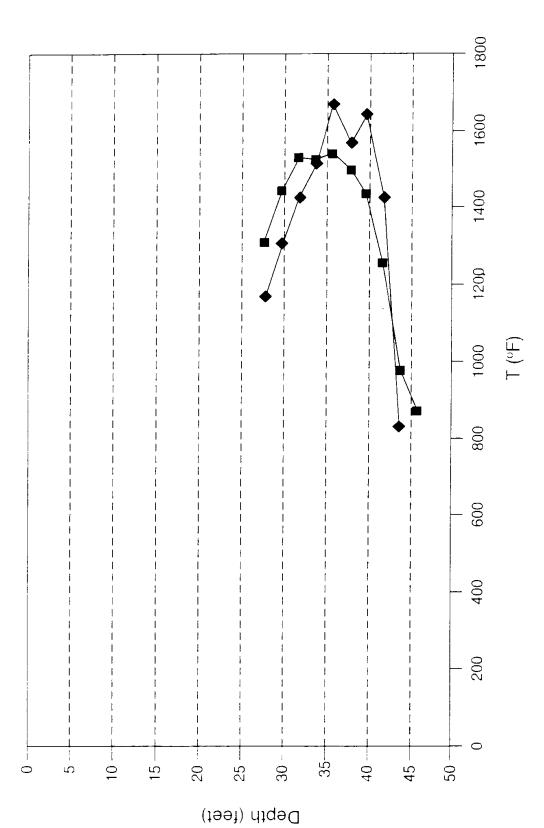
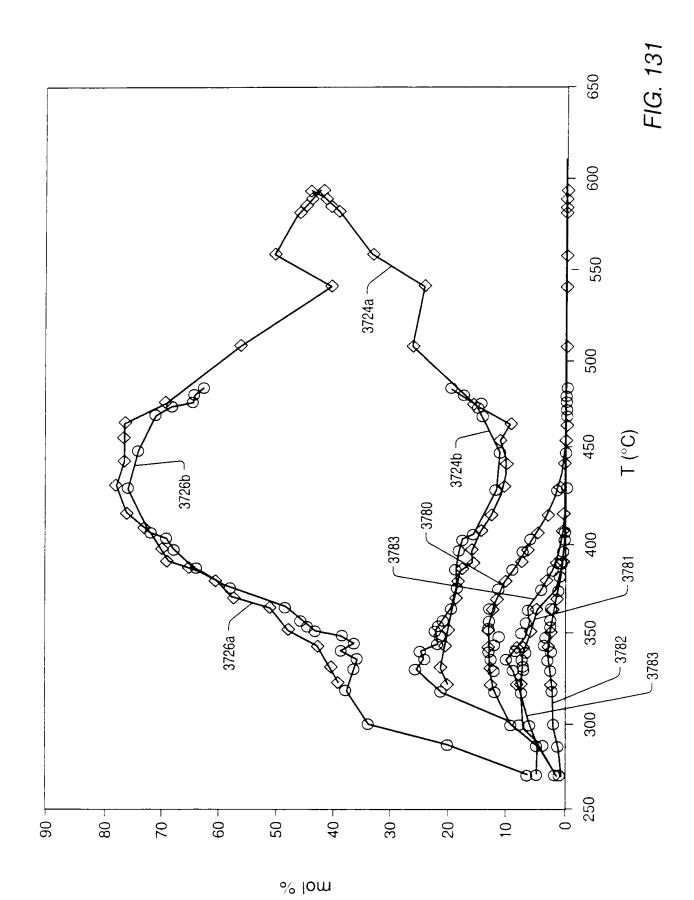
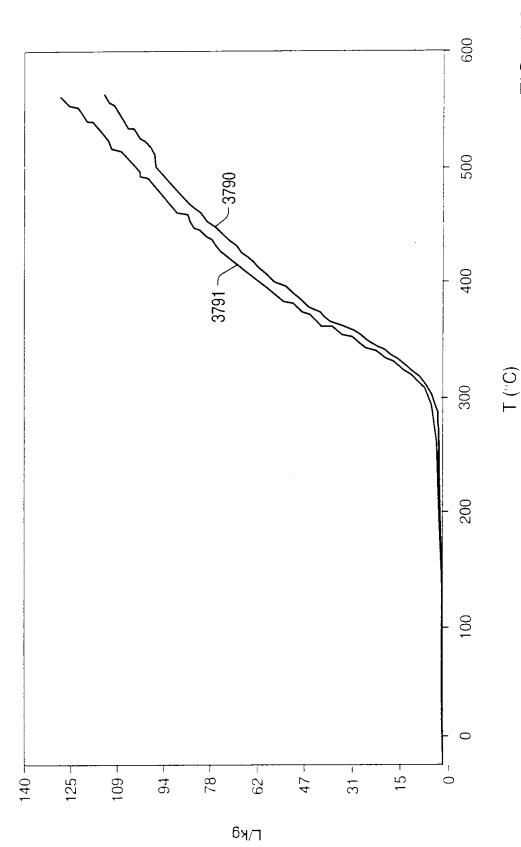


FIG 13/





-1G. 132

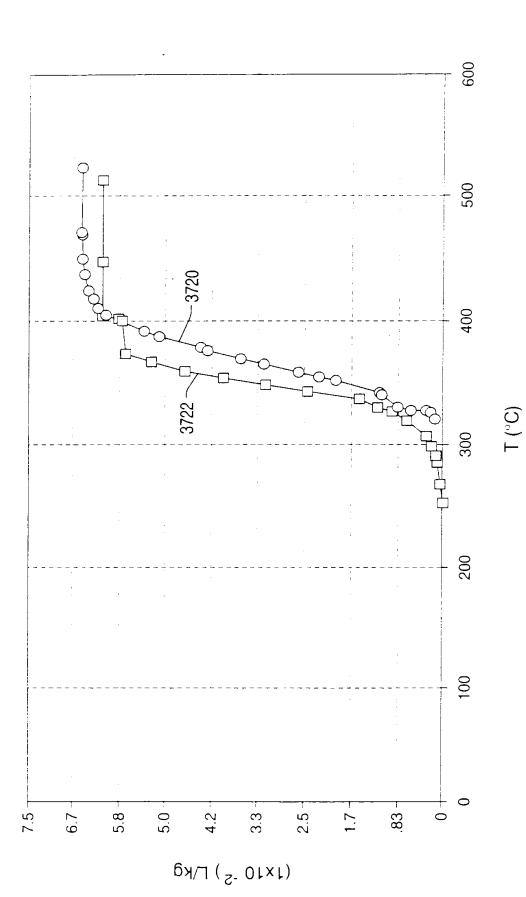


FIG. 133

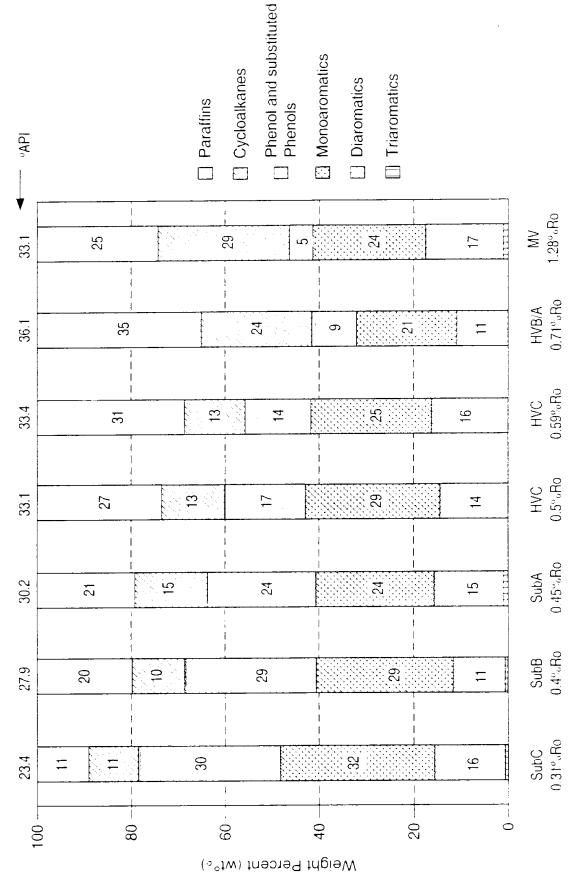
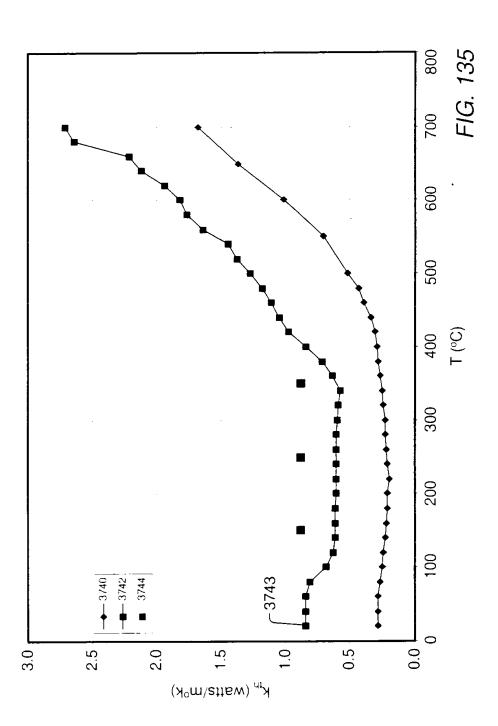
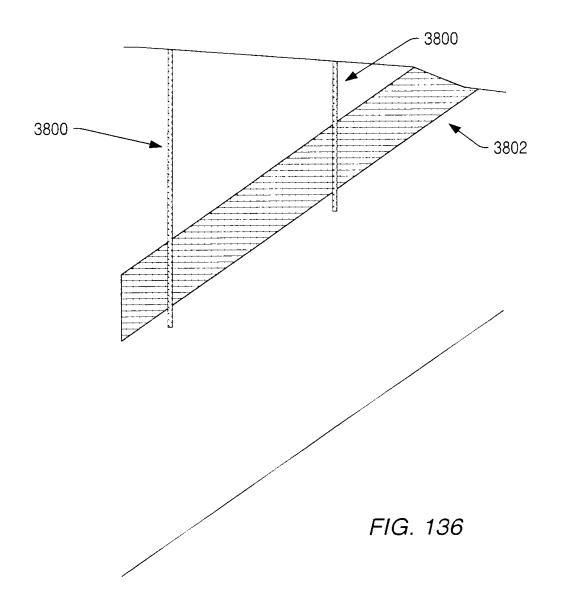
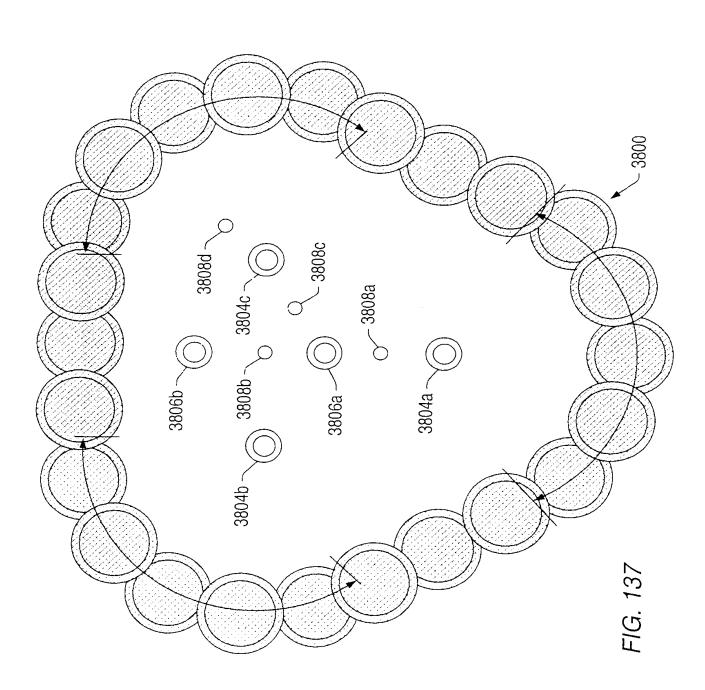
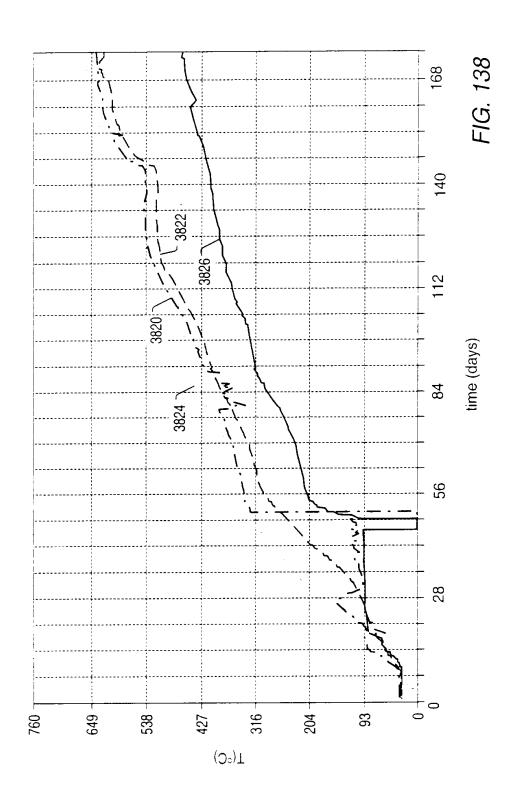


FIG. 134









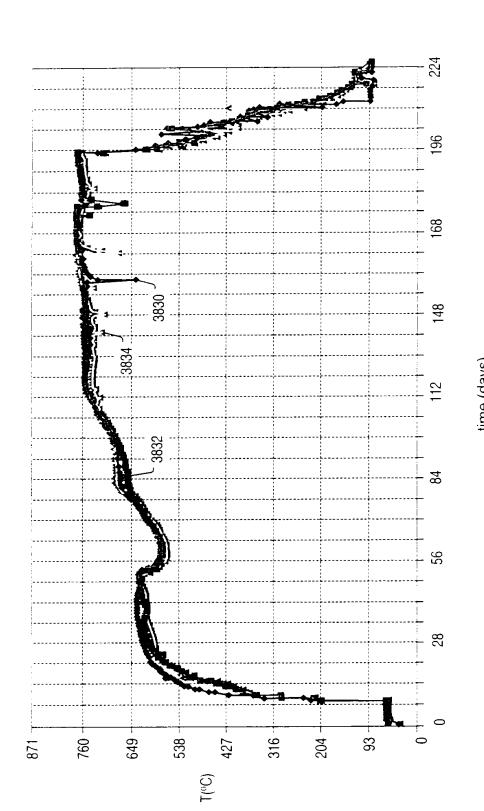
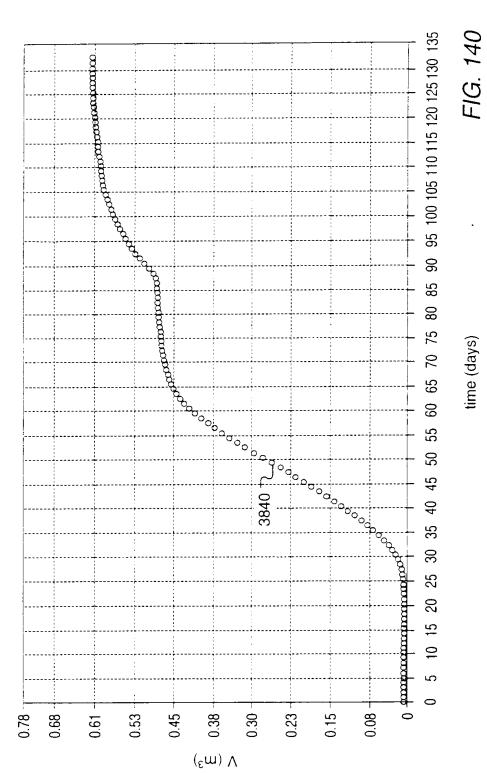
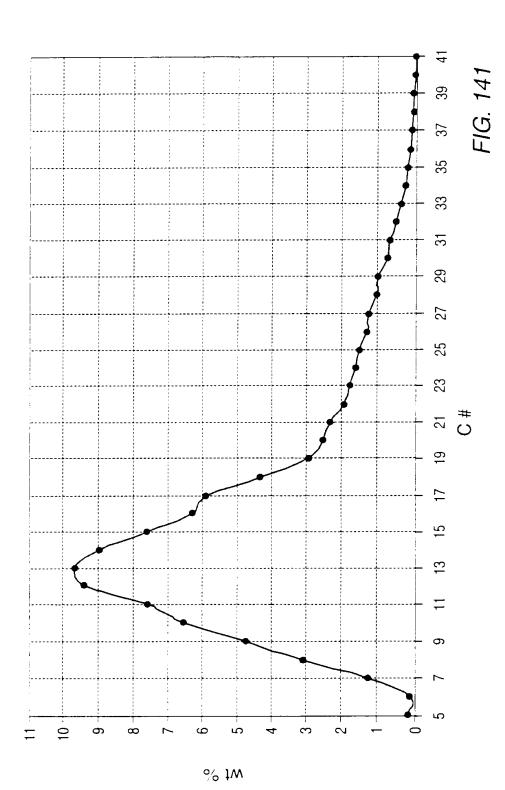


FIG. 1.



time (days)



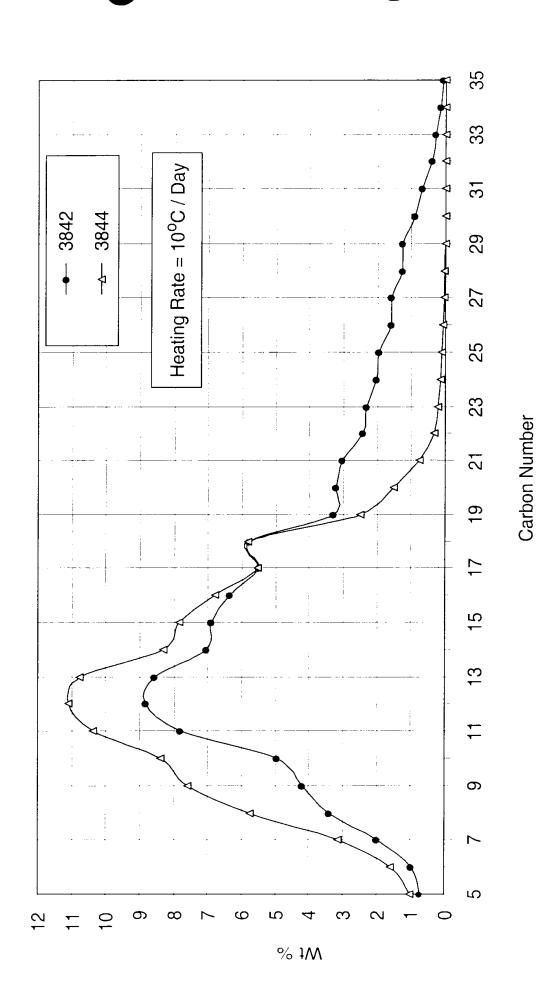


FIG 142

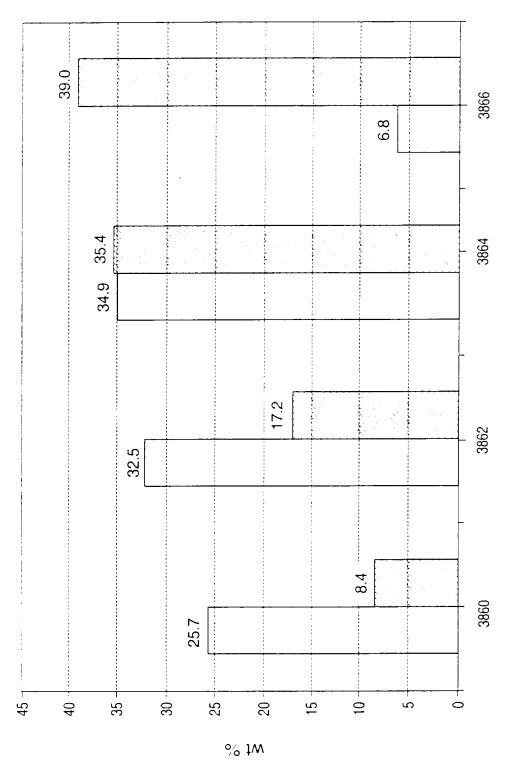


FIG. 143

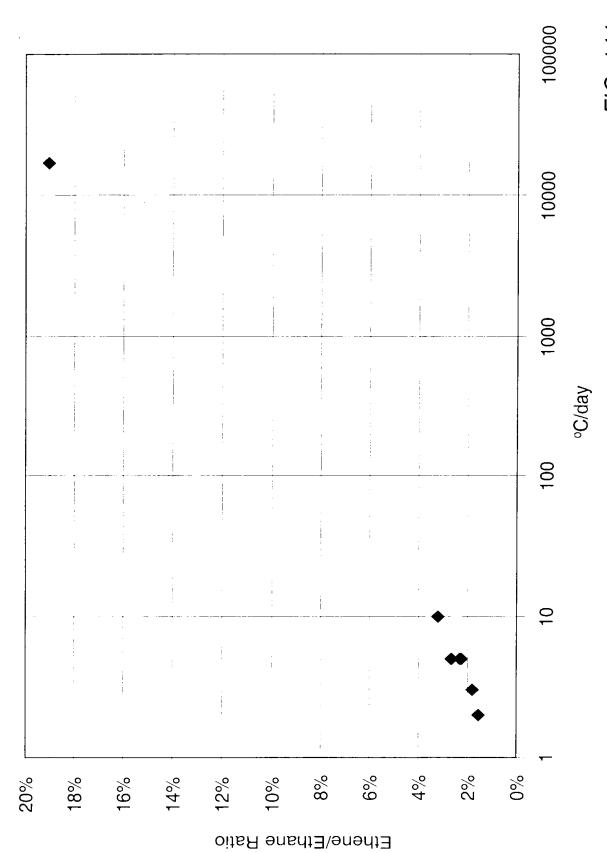
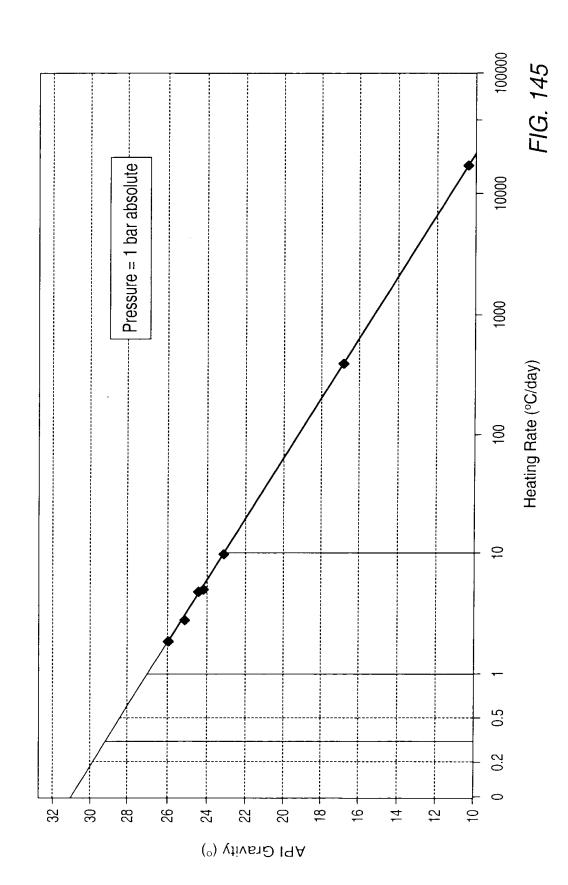


FIG. 144



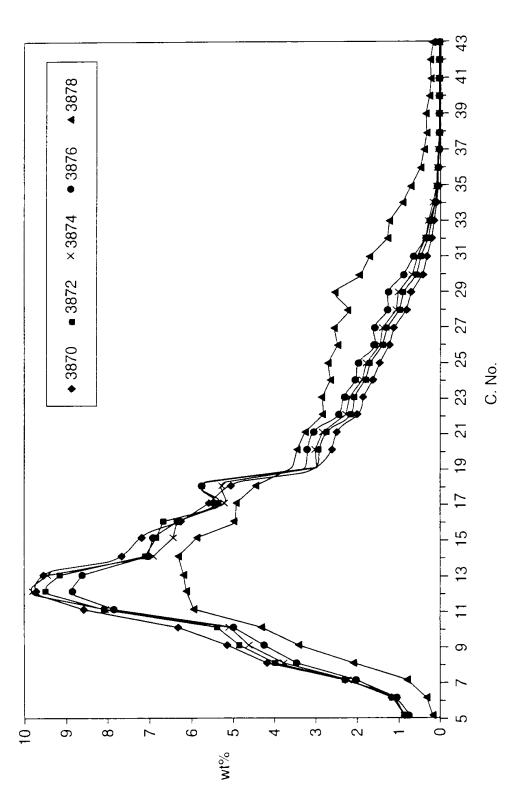
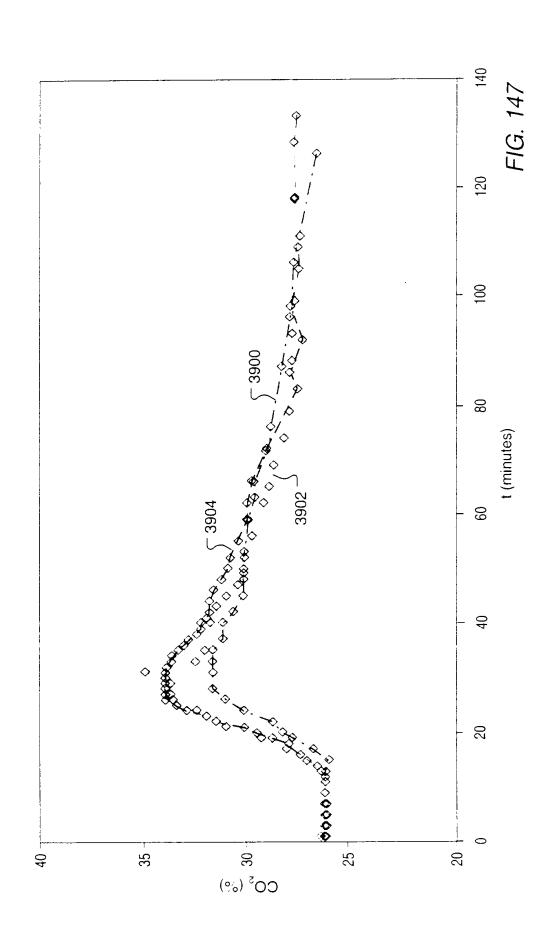
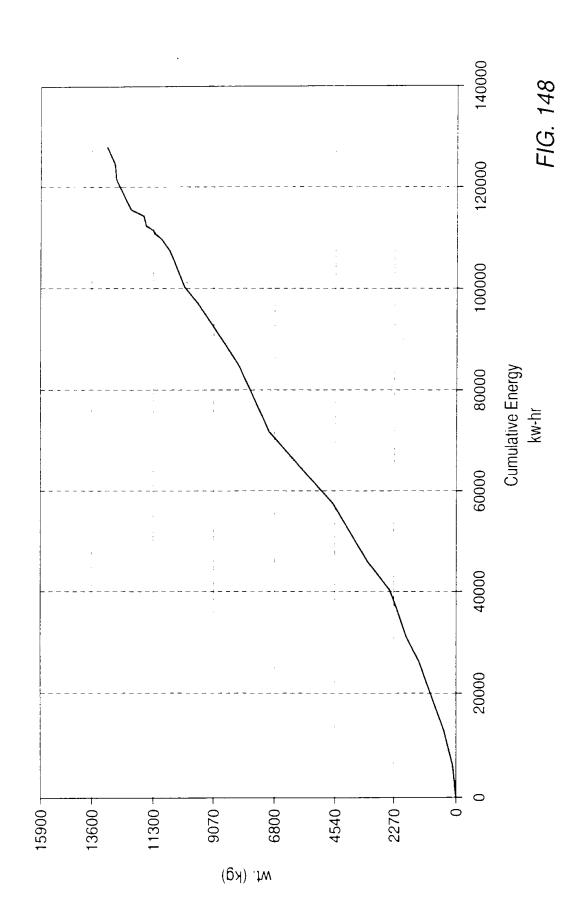
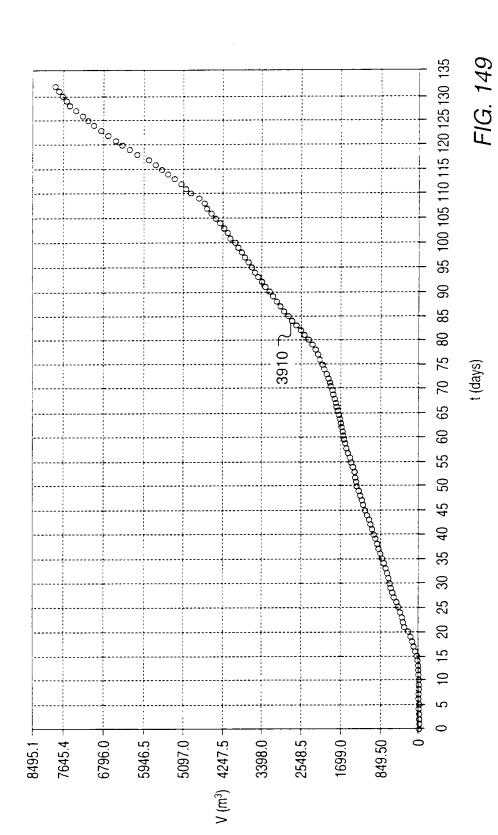
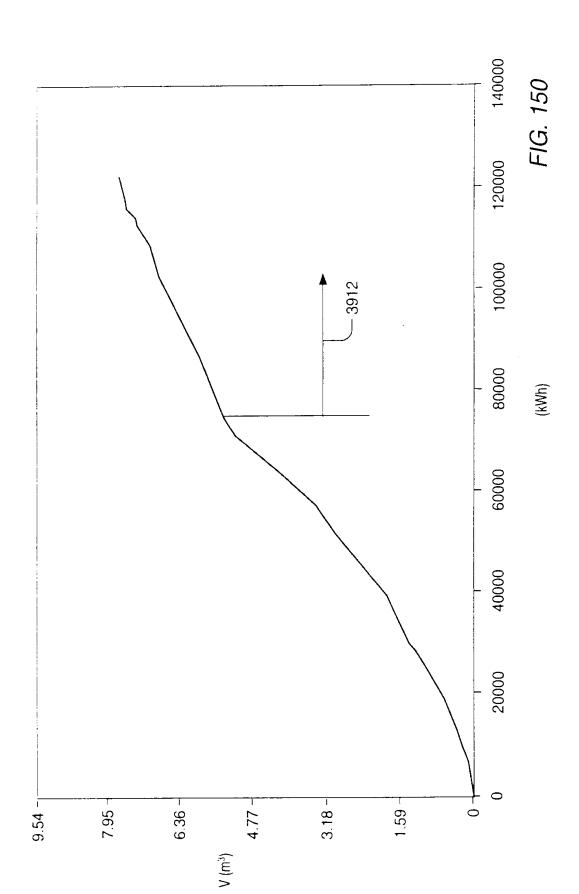


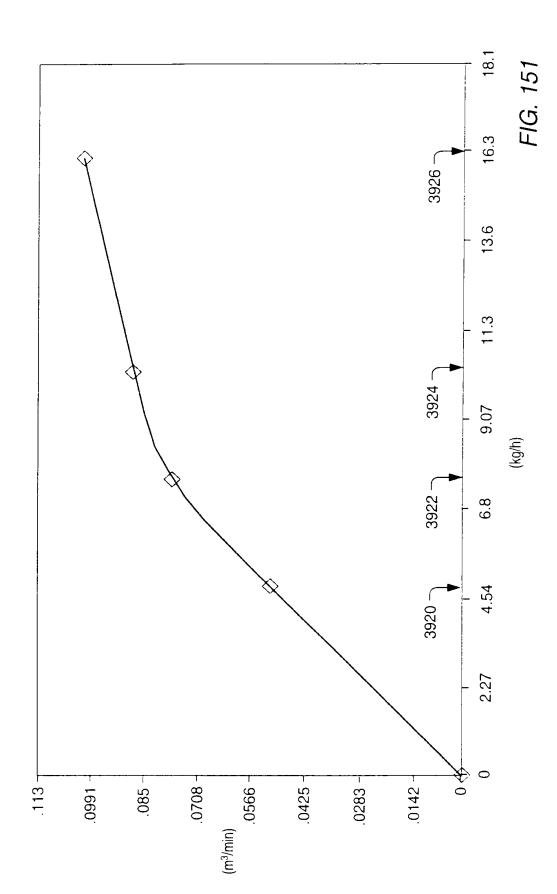
FIG. 146

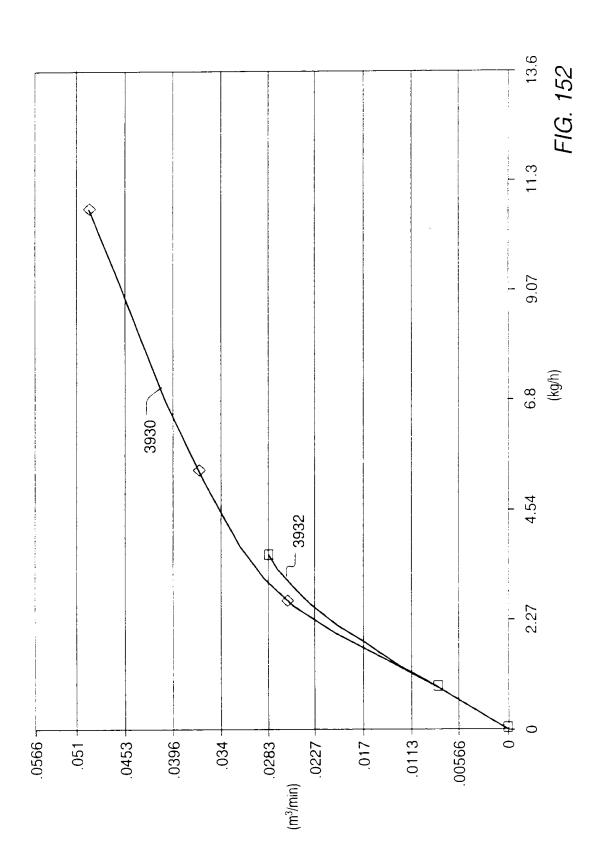












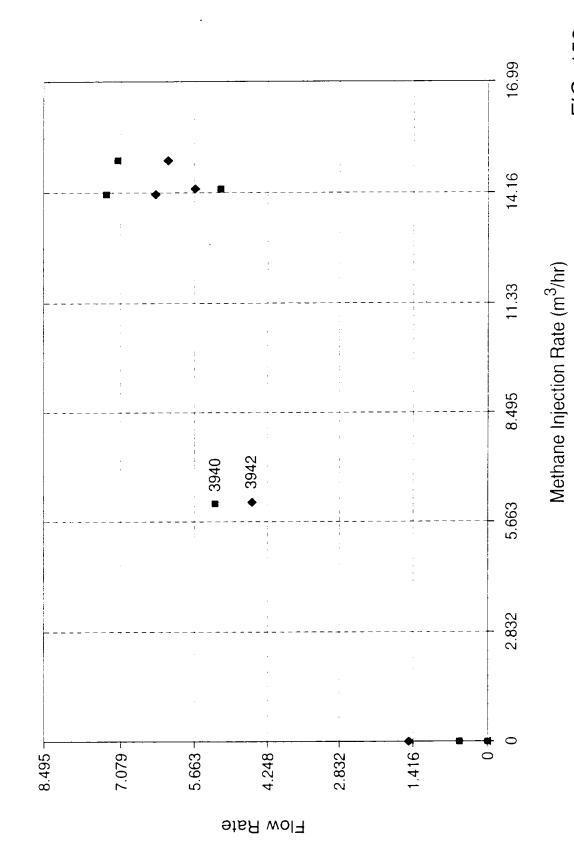


FIG. 153



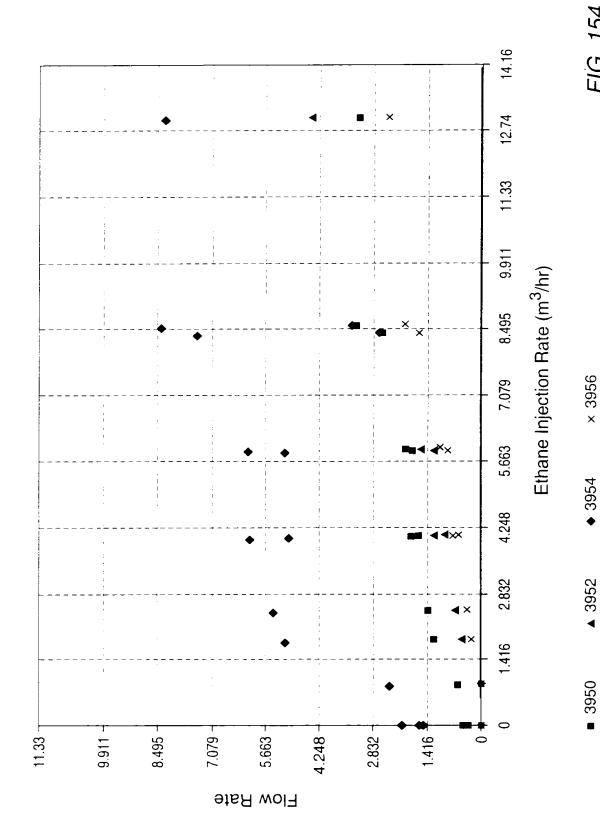
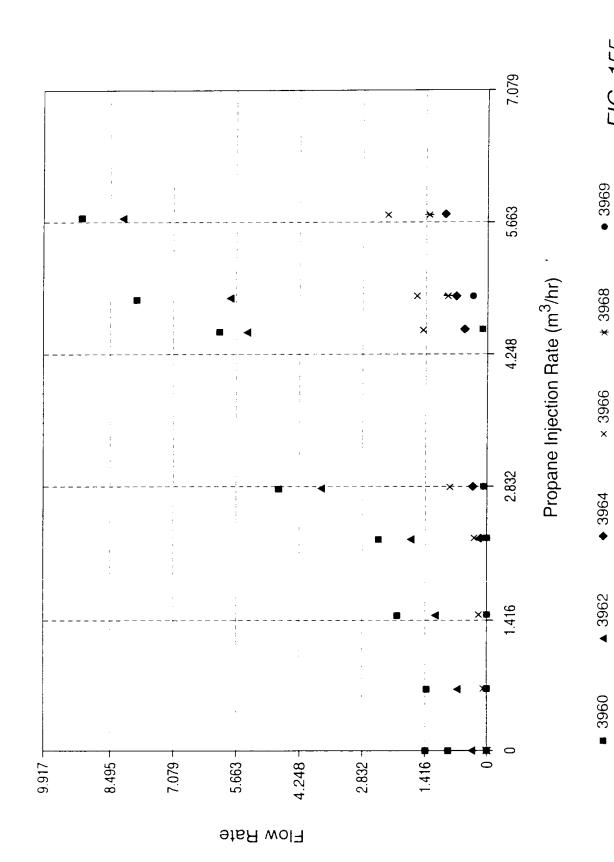
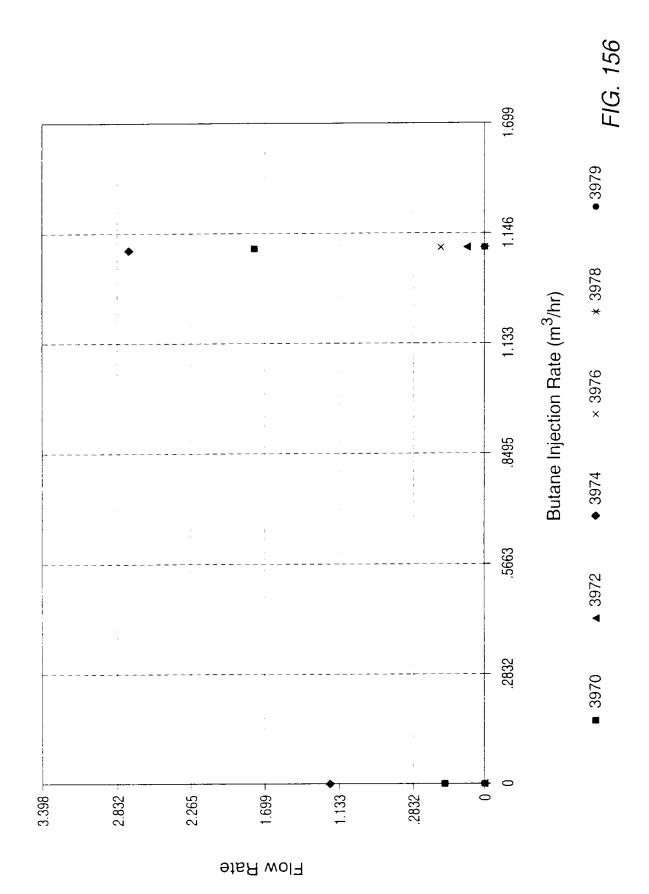
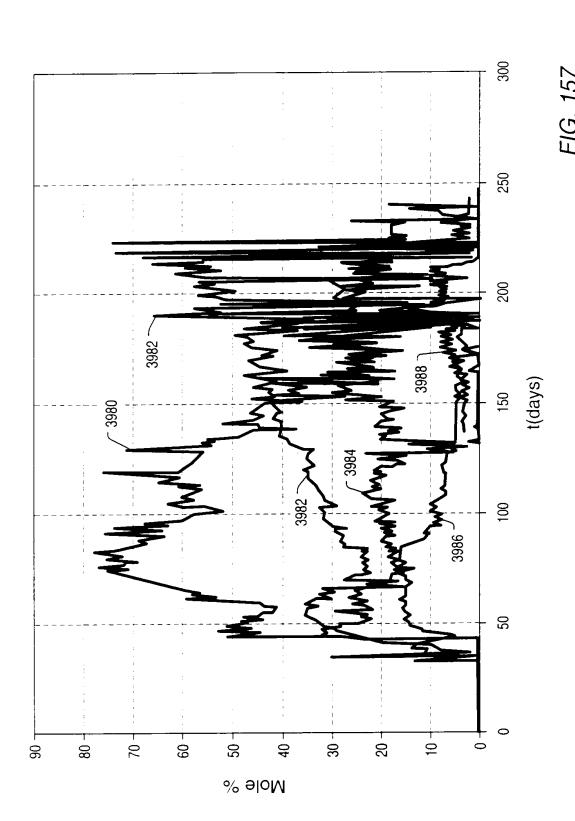
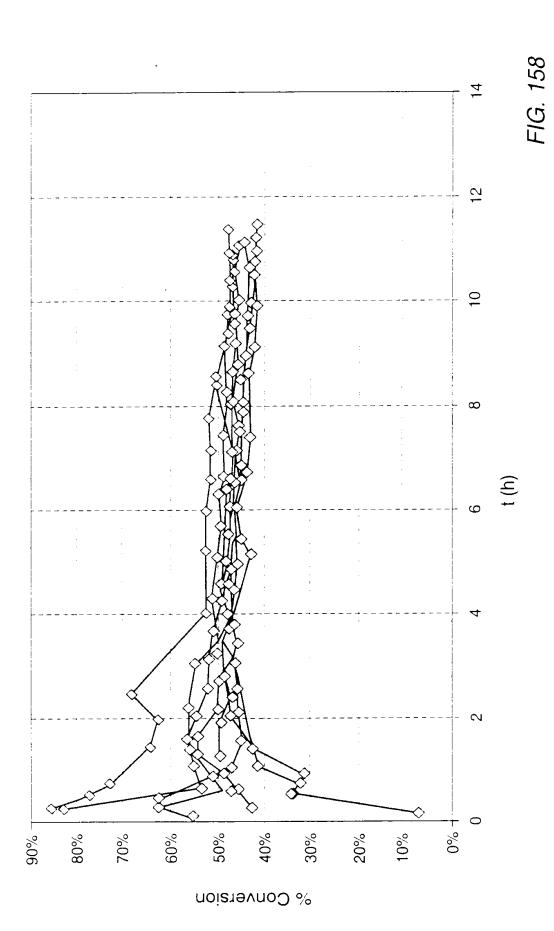


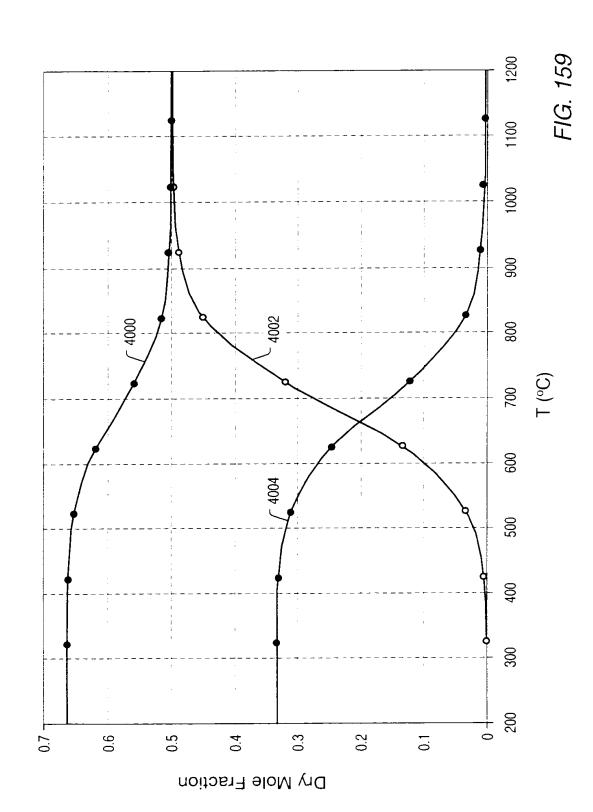
FIG. 154

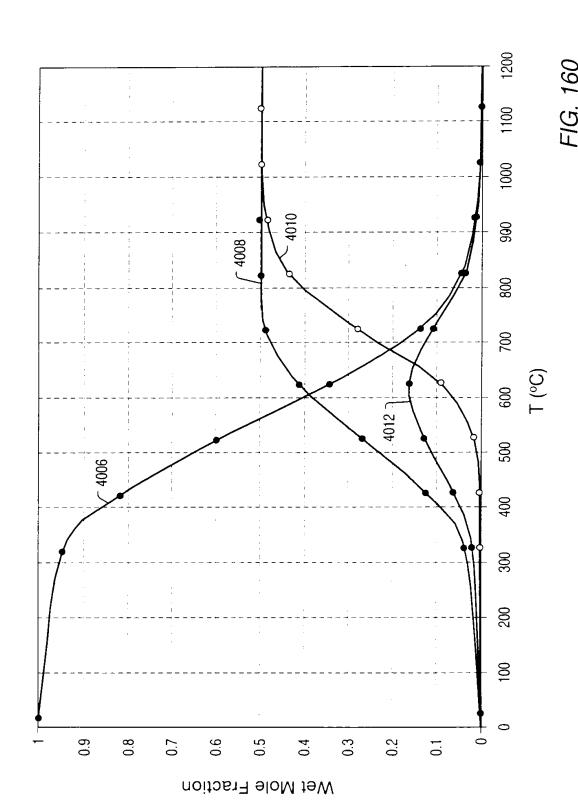












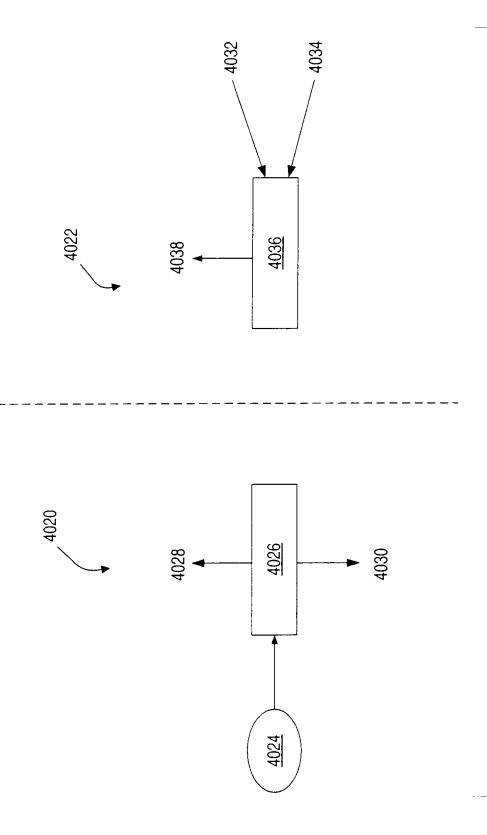


FIG. 161

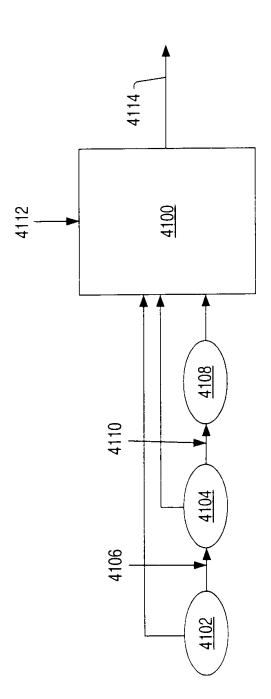


FIG. 162

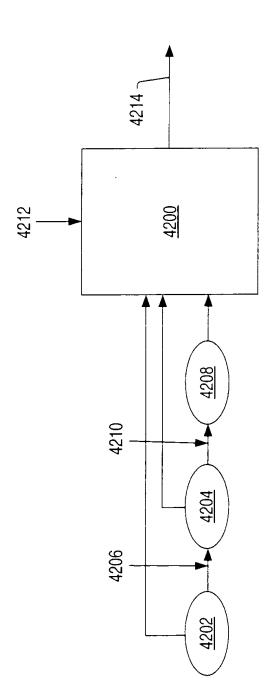


FIG. 163

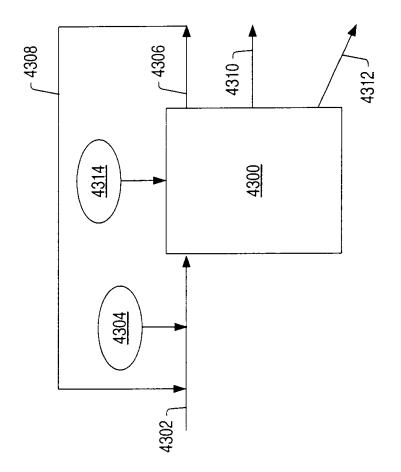
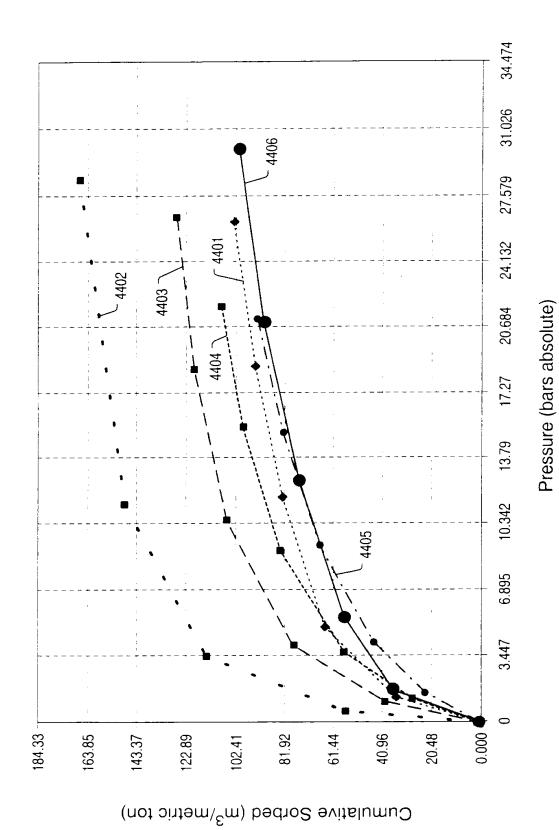


FIG. 164



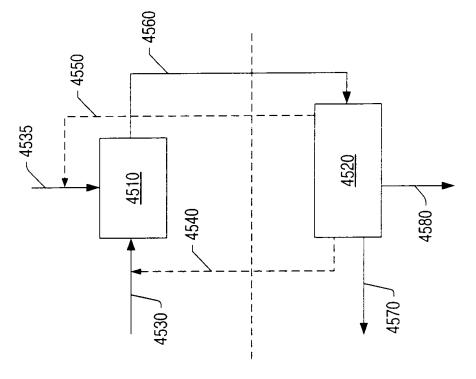


FIG. 166

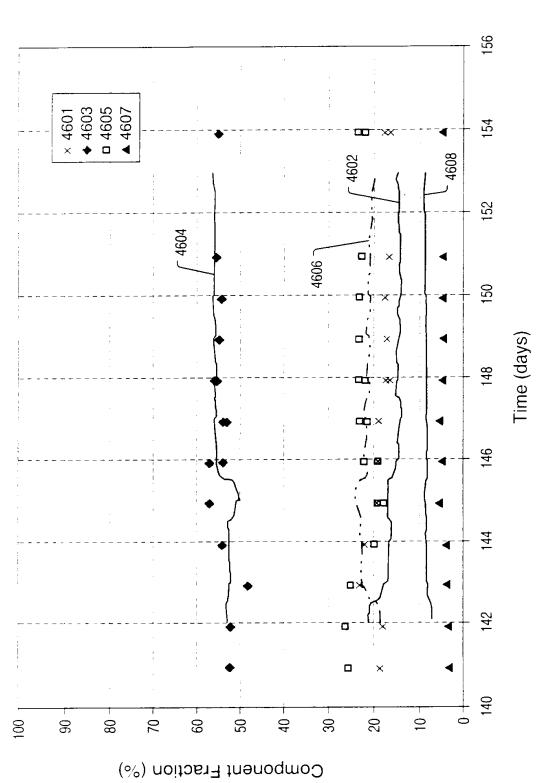


FIG. 167

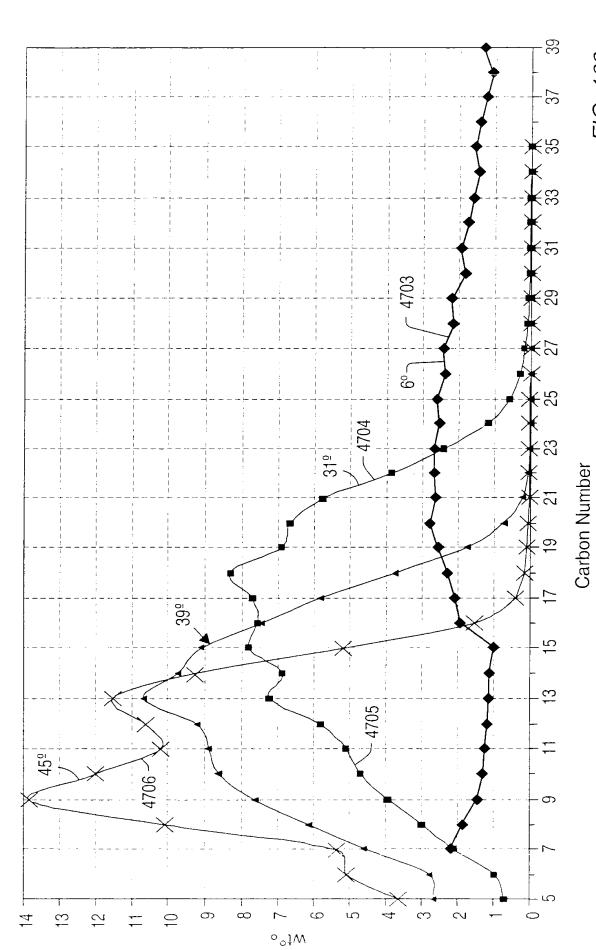


FIG. 168

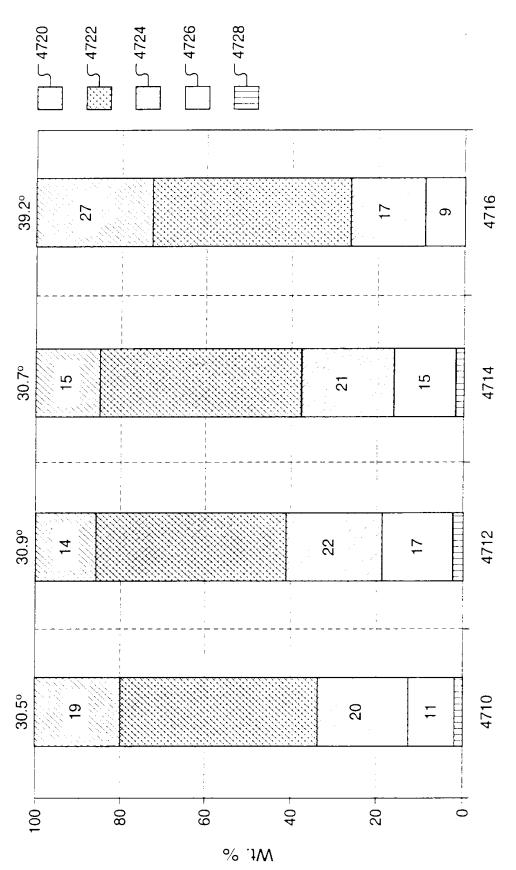
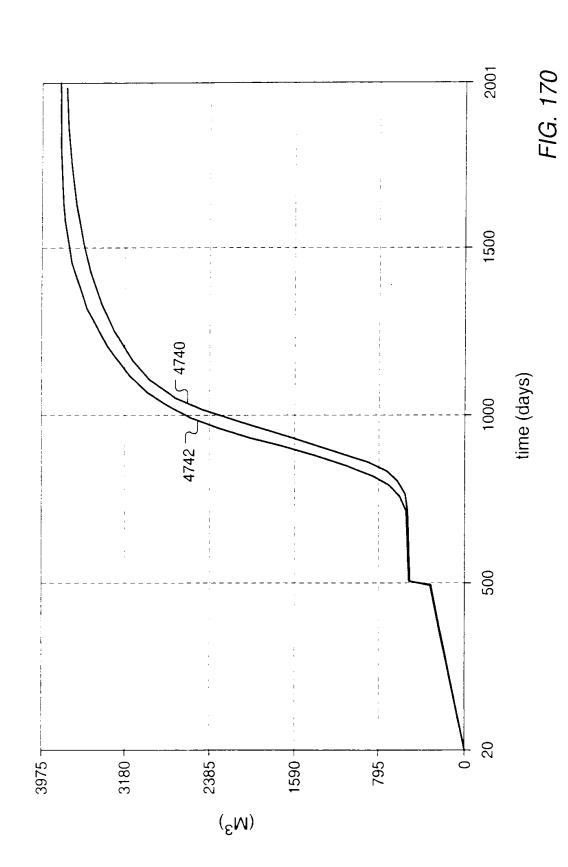


FIG. 169



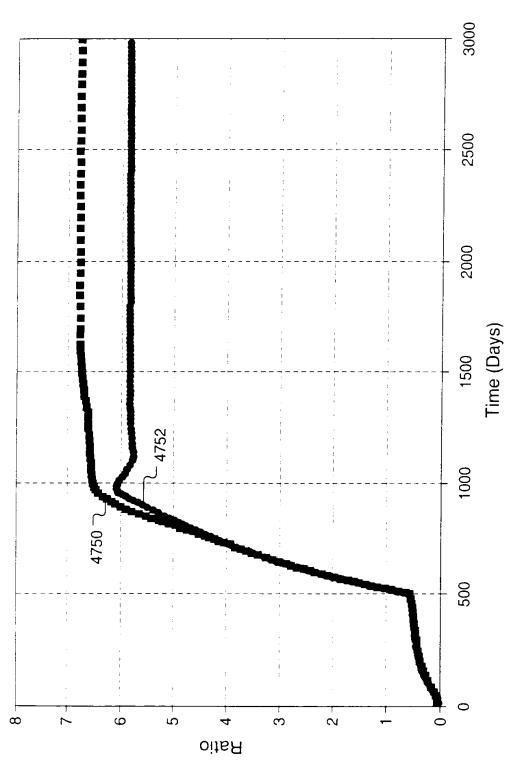


FIG. 171

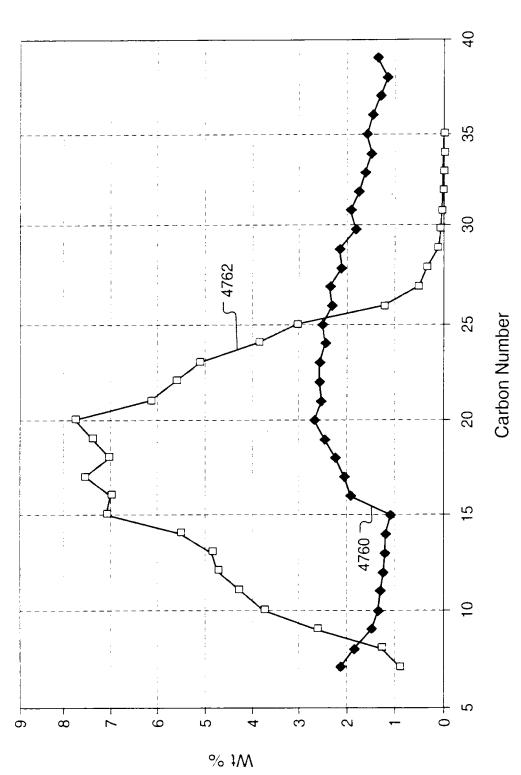
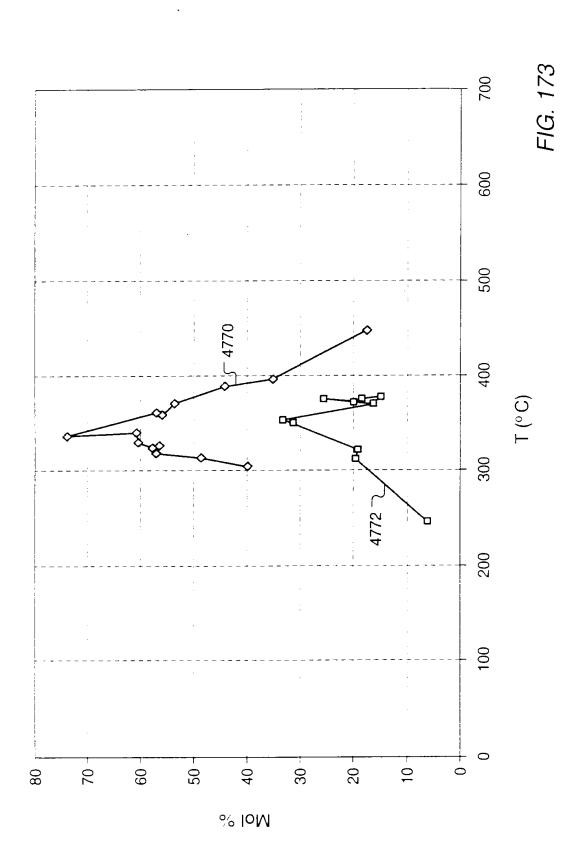


FIG. 172



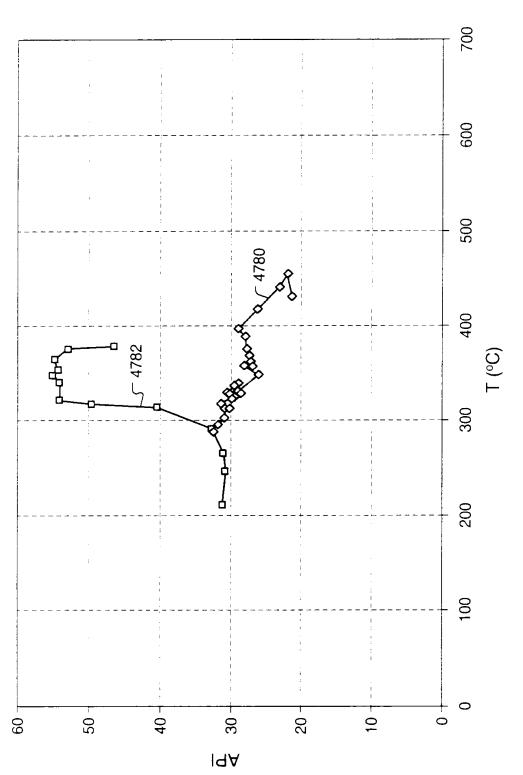
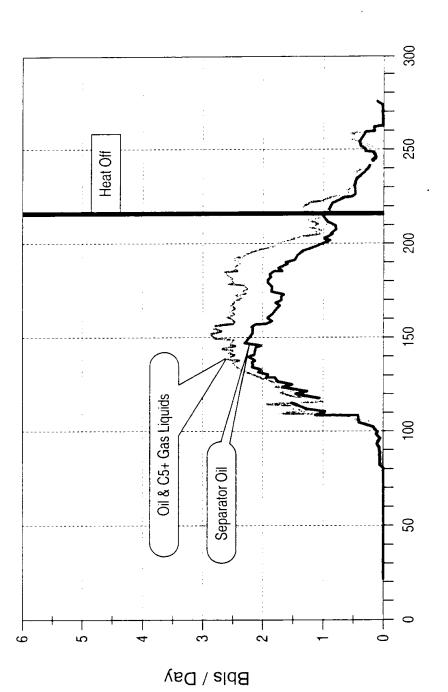
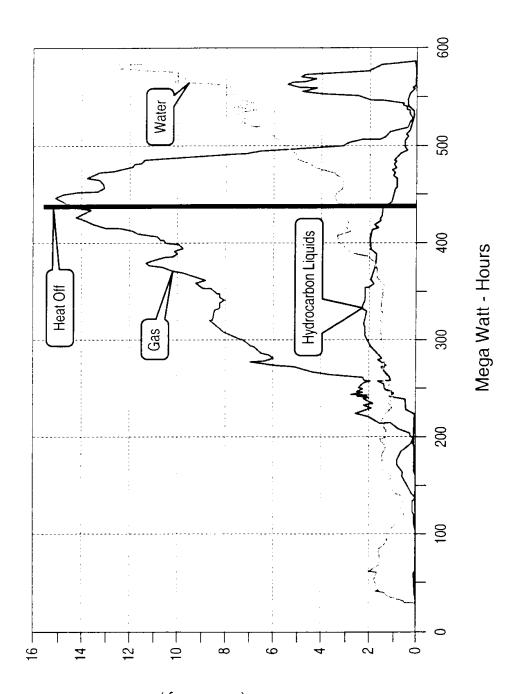


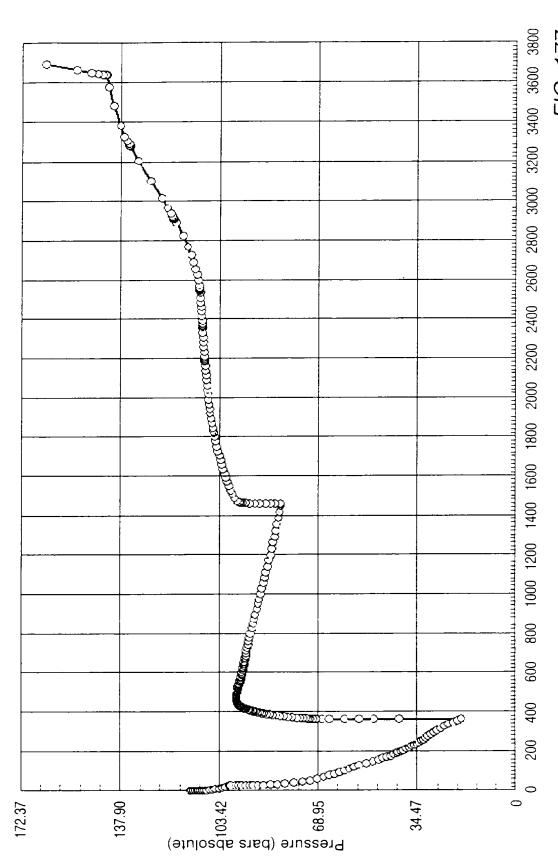
FIG. 174



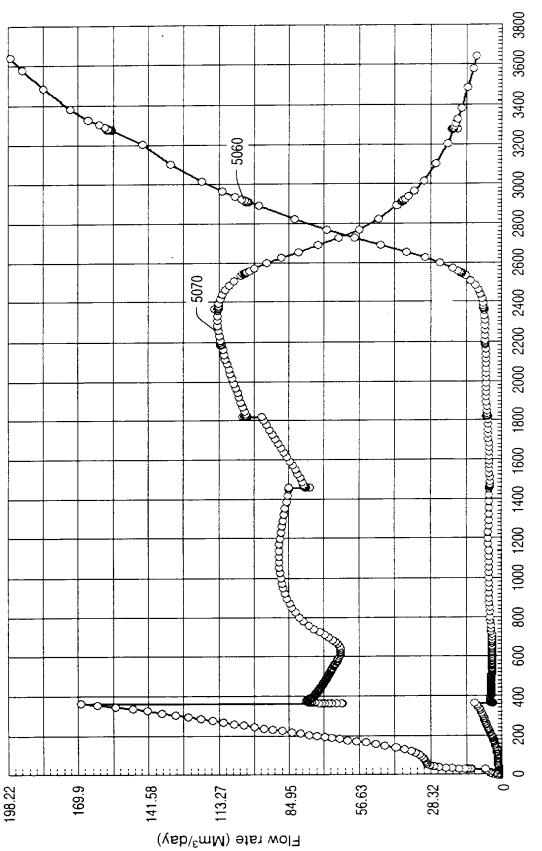
Days From Start of Heat Injection

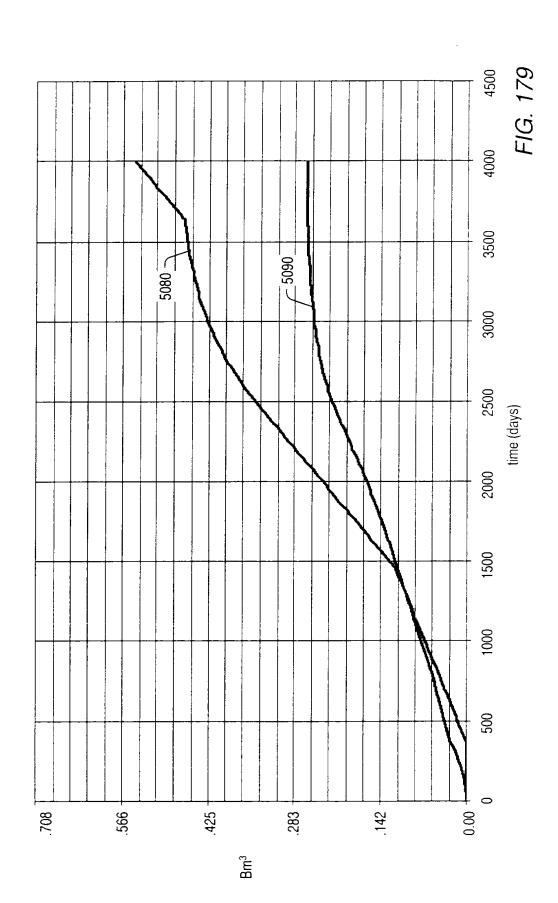


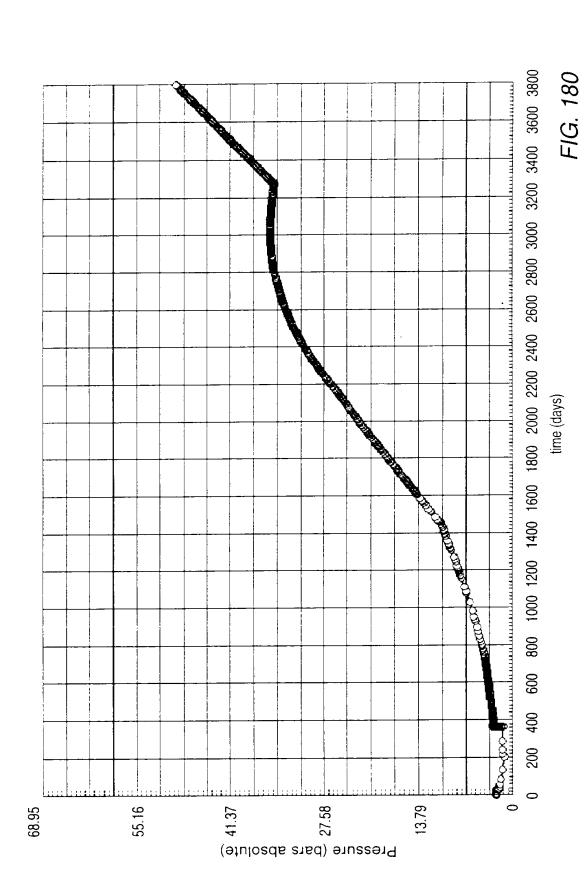
Hydrocarbon Liquids (Bbls/Day), Gas (MCF/Day), and Water (Bbls/Day)

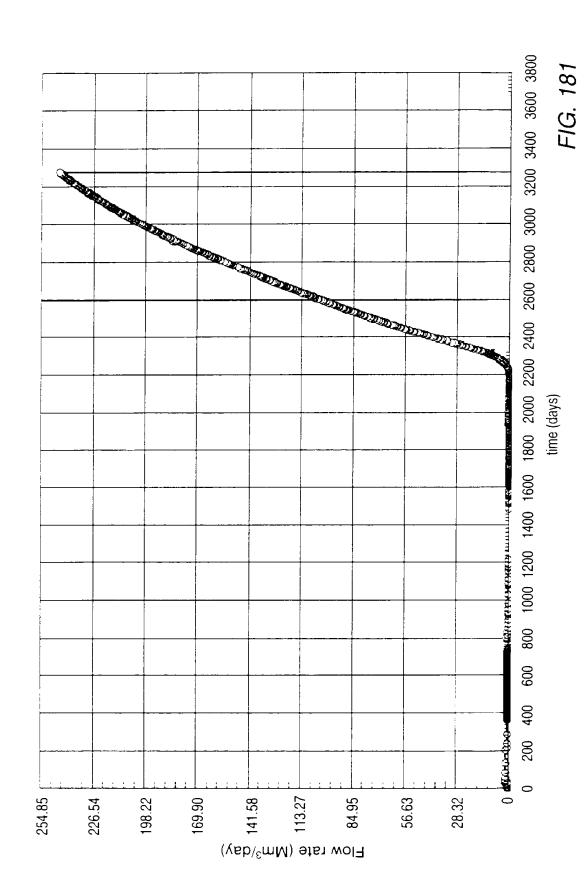


time(davs)









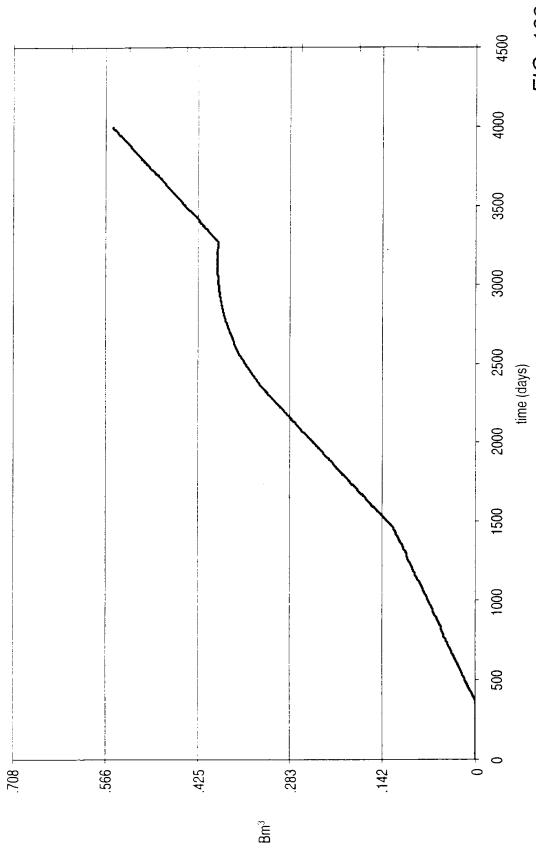


FIG. 182